



Bull-headed lyre from Royal grave of Ur
c. 1600 BC
London, The British Museum



Decoration of soundbox



Bucranium
Egyptian (Dynasty 14-17) c. 1640-1550 BC
New York, Metropolitan Museum
Ac. 16.2.43



Eight-handled amphora with bucranium
Minoan
Heraklion Museum



Pseira amphora with 8 handles
Crete, 1600-1500 BC
Heraklion Museum



Red-figured on white ground kylix
Apollo and raven
from Delphi, c. 550 BC
Delphi, Arch. Museum (ac. 8140)
cf: Wikimedia (Fingalo)



Red-figured pelike stamnos
Death of Orpheus
by Hermonax from Nola, c. 460
Paris, Musée du Louvre



Red-figured cup
Herakles and Lino
Attic, by Douris, c. 480
Munich, Antiken Sammlungen (2646)



Red-figured skyphos
Attic, by the Pistoxenos P, c. 470
Herakles and his Thracian nurse
(Geropso)
Schwerin Museum (inv. 708)



Red-figured white ground kylix
Apollo and Calliope
Attic, (attr Karlsruhe P), c. 440 BC
Boston MFA
cf: www.Theoi.com



Red-figured bell-krater
Apollo, Marsyas and the Muses
Athenian, c. 4th C BC
London, The British Museum
cf: www.theoi.com



Red-figured lekanis
Muse with barbiton
From Paestum, 4th C BC
Paris, Musée du Louvre
cf: www.theoi.com



Red-figured vase fragment
Athenian, c. 4th C BC
Athens, National Arch. Museum
cf: www.theoi.com



Lyre-playing musician
From Thebes, 525-475 BC
Paris, Musée du Louvre (CA 685)



Terracotta plaque with chelys
Etruscan, c. 470 BC
Boston, MFA



Black-figure
Musicians
Etruria, c. 560-50 BC
Paris, Musée du Louvre
credit: Hervé Lewandowski



Red-figured bell-krater
Apollo, Marsyas and the Muses
Athenian, c. 5th C BC
London, The British Museum
cf: www.theoi.com



Coin with turtle/shield
 coin from Aegina, mid-6th C
 Boston, Fogg Museum
 cf: *Oxford History of the Classical World*, 1986



AR stater with sea turtle
 coin from Aegina, 550-530 BC
 cf: www.coinweek



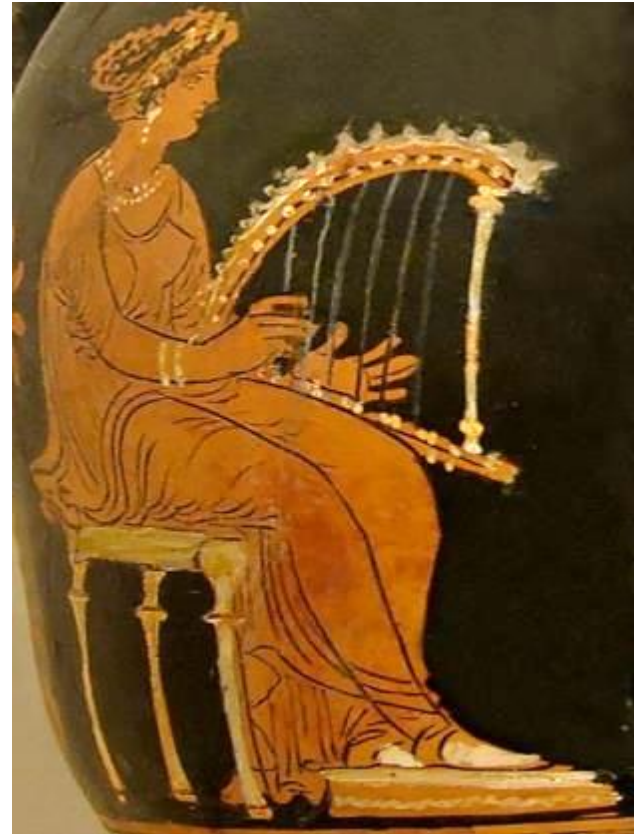
AR stater with sea turtle
 coin from Aegina, 550-530 BC
 cf: [Wikimedia \(cngcoins.com\)](http://Wikimedia.org)



AR stater (segmented shell)
 coin from Aegina, 456-431 BC
 cf: Wildwinds.com



AR stater (dots)
 coin from Aegina, 480-457 BC
 cf: Wildwinds.com



Red-figured pelike with woman holding harp (psalterion) and Eros, youth with fawn
S Apulia, attr. to the Tarrytown Group
c. 320-310 BC.
London, The British Museum
(Gr 1836.2-24.142)



Red-figure calyx-crater with madness of Lycurgus
Apulia, c. 350-340 BC (attr Lycurgus painter)
London, The British Museum (Gr 1849.6-23.48)



Red-figured pelike
Apollo and Muse (Calliope?)
Attic (attr P of Munich 2335), c. 430 BC
Munich, Antikensammlungen (2362)
cf:www.theoi.com



Red-figure calyx-Krater
Apulian (attr. Black Fury Painter)
Paris, Musée du Louvre
cf: Wikimedia (©Maria-Lan Nguyen
-2011)



Red-figure calyx-Krater
Attic, from Vulci, c. 500 BC
Leto, Apollo and Artemis
London, The British Museum (E 256)



Red-figure volute krater
Lucanian, 415-400 BC
Los Angeles, Getty Museum
(85.AE. 101)





Red-figured white-ground pyxis
Muse
Attic (Hesiod Painter), c. 460-50 BC
Boston, Museum of Fine Arts (98.887)
cf:www.theoi.com



Red-figured white-ground cup
Woman tuning two kitharai
From Eretria, c. 470-80 BC
Paris, Musée du Louvre (CA 482)



Red-figured white-ground lekythos
Muse on Mt Helikon
Attic (attr Achilles P), c. 445 BC
Munich, Antikensammlungen (S 80)
cf:www.theoi.com



Black-figure amphora
Apollo with female figures
From Naples, c. 530-500 BC
Madrid, Museo Arqueológico
(inv. 10923)
cf: Wikimedia (Doreieo)



Red-figure hydria
The Punishment of Thamyris
Attic, c. 430 BC
Oxford, Ashmolean Museum (G. 291)



Red-figured lekanis
Muse with lyre
From Paestum, 4th C BC
Paris, Musée du Louvre
cf: Theoi.com



Red-figured lekythos
Nike
Attic (attr Oionokles P), c. 470 BC
Austin, Jack S Blanton Museum
(1980.63)
cf:www.theoi.com

Red-figured amphora
Nike or Muse
Attic (attr Berlin P), c. 460 BC
Austin, Jack S Blanton Museum
(1980.63)
cf:www.theoi.com



Apollo kitharoidos
Tanagra figure, c. 400 BC
Athens, Kerameikos Arch.
Museum
cf: Wikimedia (Giovanni
dell'Orto)



Apollo kitharoidos, Leto and Artemis
Limestone relief from Selinus, mid-6th C BC
Palermo, Mus archeologico



Libation scene with Apollo and Nike flanking omphalos
Paris, Musée du Louvre (Ma 965)
cf: ipernity.com



Red-figured oinochoe with woman playing *barbitos* lyre
Attic, c. 490-480 BC
c. 320-310 BC.
London, The British Museum
(Gr 1960.354)



Red-figured lekythos
Poet reciting with a *barbitos*
Attic, c. 480-70 BC
Boston, MFA (inv. 13.199)



Red-figure bell krater
Orpheus and the Thracians
Attic, c. 440 BC
New York, Metropolitan Museum
Cf: ©Marie-Lan Nguyen (2011)



Red-figure column-krater
Orpheus and the Thracians
Attic (from Gela), c. 440 BC
Berlin, inv. 3172



Apollo Kitharoidos
Roman from Cyrene), 2nd C AD
London, British Museum
cf: Wikimedia (Carol Raddato)



Erato
From Monte Calvo (IT), 2nd C AD
Copenhagen, Ny Carlsberg Glyptothek





Apollo Musagetes (Barnerini)
Roman, 1-2nd C AD
Munich, Glyptothek (inv. 211)



Apollo citharoedus
Roman copy of Greek original, Calliope
Vatican, Pio Clementino Mus (inv. 2274)
cf: Wikimedia (Saiko)





Terpsichore
Vatican Museums



Vatican Museums



Detail of lyre held by Apollo
Roman (from Hadrian's Villa,
Temple of Venus), c. 150 AD
Copenhagen, Ny Carlsberg
Glyptothek
cf: Wikimedia (Carole Raddato)



Terpsichore
Roman copy of a Greek
original, 2nd C AD
Leningrad, hermitage
State Museum
cf: www.theoi.com



Apollo Musagetes/Kithariedos
(with box tail-pieces)
Roman, 2nd C AD
Vatican Museum (Museo Pio-
Clementino)
cf: Wikimedia Commons



Apollo with Cithara
from Miletus, 2nd C AD
Istanbul, Archaeological Museum (inv. 2000T , cat Mendel
114)



Apollo with Cithara
Rome, Capitoline Museums



Louvre



Louvre



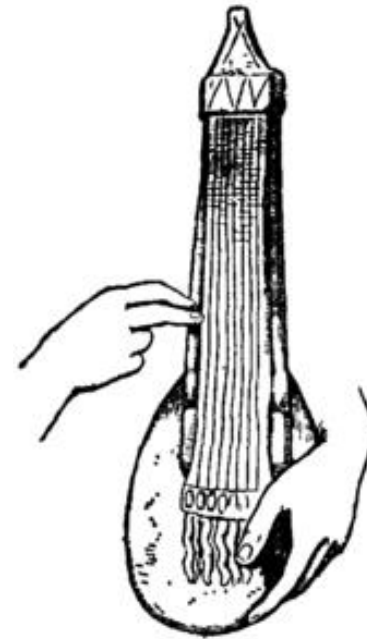
Libya, Tripoli Museum



Tanagra figure with barbat
2nd C BC
cf: Wikimedia (Galassi)



Louvre



Barbat



Etruscan Tomb
Rome, Capitoline Museums



Votive stele for Apollo
Leonteios
from Suleymanie, 2nd-1st
C AD
Istanbul, Archaeological
Museum (inv. 85.6.T)



Sarcophagus
Romans, 210-220 AD
Los Angeles, Getty Museum
(83.AA.275.1)



Cupid and Cithara, gilt bronze
mirror cover, 100-150 AD
Oxford, Ashmolean Museum



Lead statuette of a Muse
Roman, 2nd C AD
Los Angeles, Getty Museum
(98.AI.85)

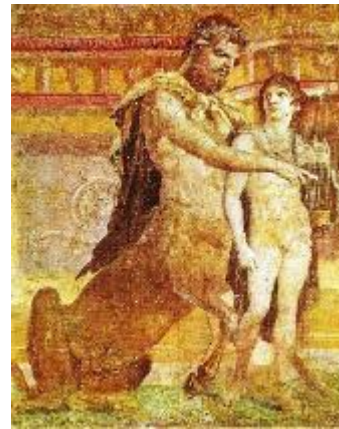


Aureus with Augustus and Apollo holding Lyre
27BC-14 AD
credit: www.cngcoins



Symbols of the Nine Muses
From Elis, 1st C BC
Elis, Archaeological Museum
source: www. Theoi.com





Chiron and Achilles
Naples, Museo Nazionale

British Museum



Infancy of Dionysus (with Mercury)
from Casa dei Tirreni, Naples
Naples, Museo nazionale



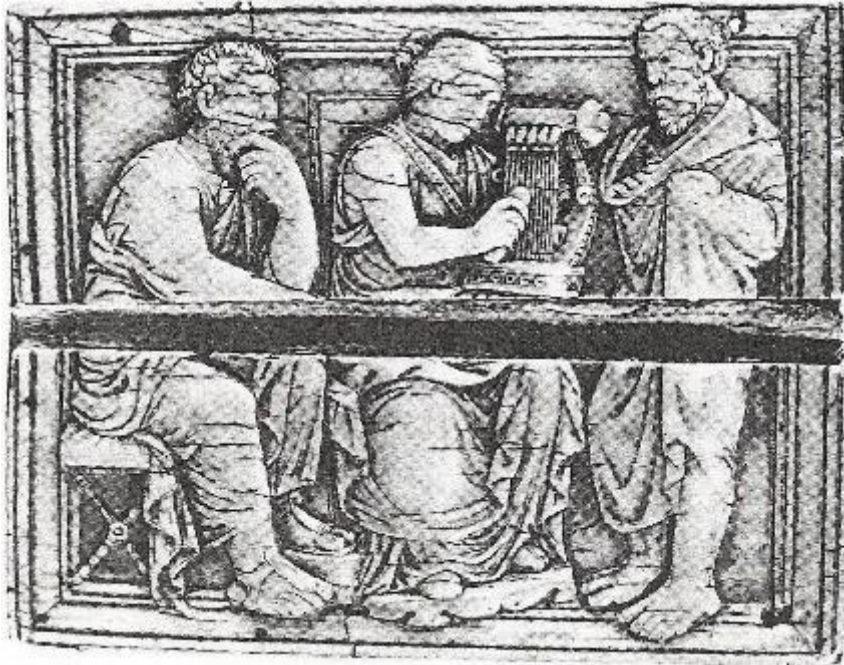
Orpheus and lyre
Roman, floor mosaic
Palermo, Museo arch. regionale



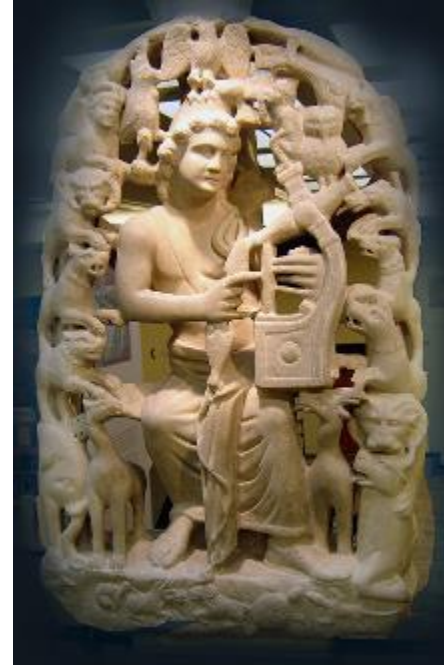
Orpheus and lyre
Tarsus, 3rd C AD



Terpsichore
floor mosaic from Vichten
Roman, c. 3rd C AD
Luxembourg, National Museum
cf: [www. Theoi.com](http://www.Theoi.com)



Plaque – book cover
Erato and two poets
Ivory, Italian, 5th C AD
Paris, Bibl. De l’Arsenale
(for Ms lat. 1169)



Orpheus
Byzantine
Athens, Byzantine and Christian Museum
cf: Ricardo André Frantz



Nimes



Nimes



Battle of the Turtle and the Rooster
(light and darkness)
floor mosaic, 4th C
Aquileia



Nimes



King David playing the lyre
floor mosaic, from Gazasynagogue
6th- 8th C
Israel Museum (source: Pinterest)



King David playing the lyre
from the Paris Psalter, 900 AD
Paris, BnF (Ms gred. 139)



Apollo stele
Nancy, Musée Lorrain



Louvre



Classical globes

Lyra



Naples, Farnese Atlas
© Petr Hadrava
n.b. – tortoise shell, bull's horns, 5 strings



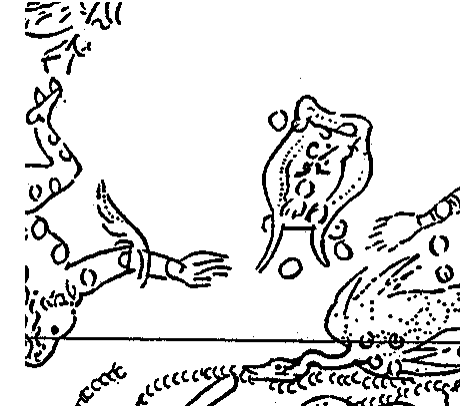
Bentley's Manilius



Paris, Kugel Globe
n.b. – similar, but distant from circles

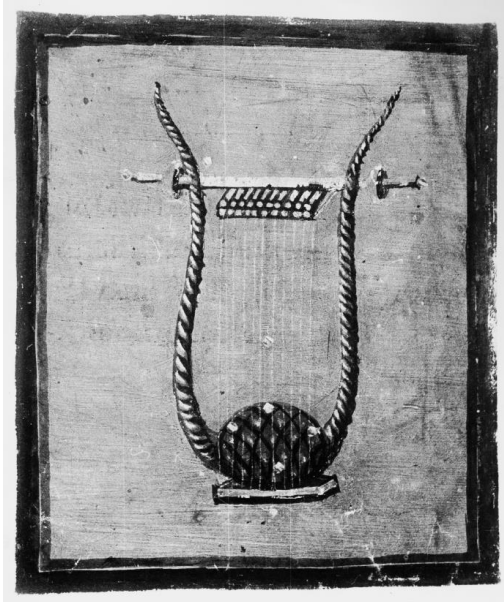


Mainz globe
n.b. – similar



(drawing © Kunz)

l. = z stemma



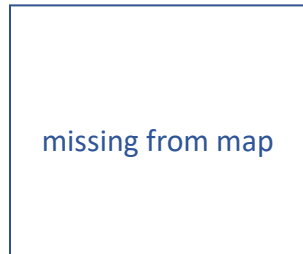
Leiden, Univbibl
Voss lat 4° 79

n.b. – small pinecone-like shell, long horns, base and crossbeam, multiple strings with elaborate tuning keys



Boulogne-sur-Mer, Bibl. Mun.
Ms 188

same, but spiral in horns now decorative

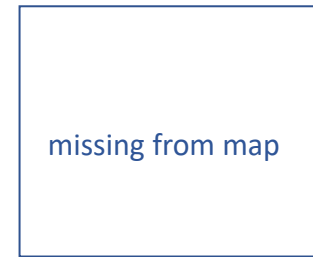


vs. planisphere



Bern, Burgerbibl,
Ms 88

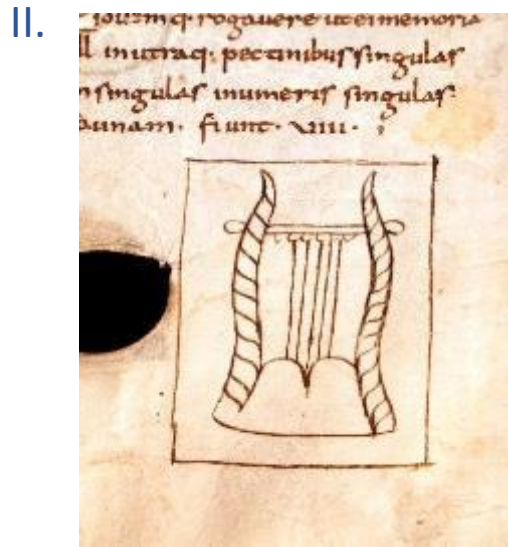
same



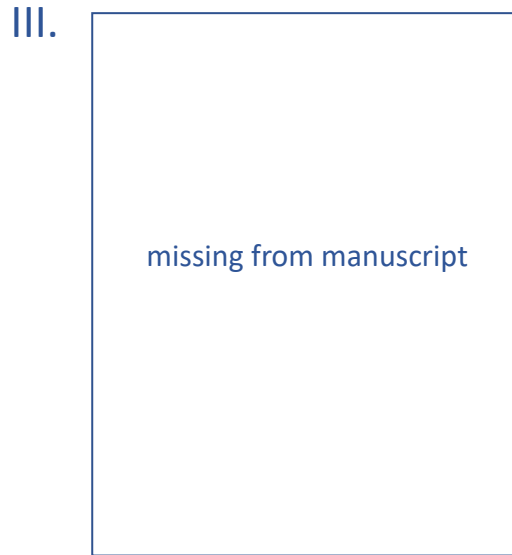
vs. planisphere

Germanicus mss

II and III. = O stemma (O¹ or v)



Basle, OBU
 Ms AN.IV . 18
 n.b. – features simplified



Aberystwyth, NLW
 Ms 735 C



vs. planisphere
 n.b. – U-shaped harp



vs. planisphere
 n.b. – as a large 'H'



vs. schema
 U-shaped harp



vs. winter hemisphere
 U-shaped harp

IV. = O stemma (O² or μ)



Madrid, Bib nac
Ms 19 (16)

n.b. – U-shaped, twisted horns, multiple strings, lumpy bottom part

Va. = O stemma (O² or μ = Siciliensis)



Cologne, Bib Bodmer
Cod lat 7

n.b. – simple U-shaped, no horns,
so sounding chamber



NY, Pierpont Morgan Libr
Ms M 389

same

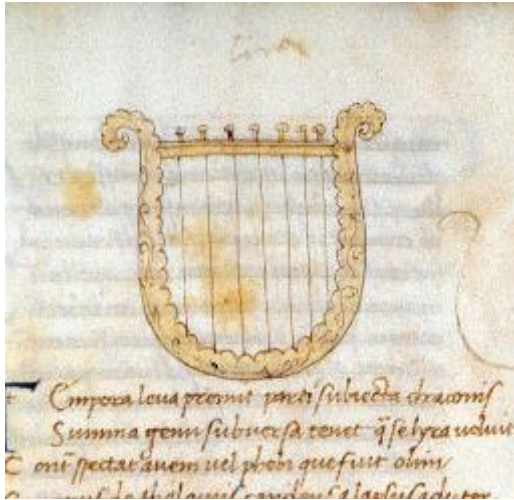
Vb.



Vatican, BAV
Barb lat 76

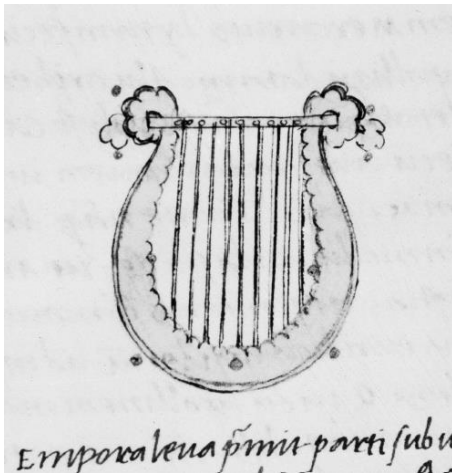
same

VI.



London BL
Egerton 1050
same

VII.

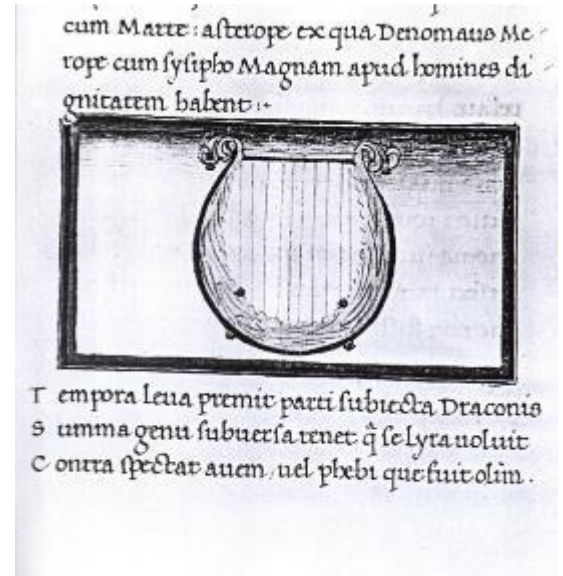


London BL
Add 15819
same



Naples, Bib naz
XIV D 37
same

VIIIa.



Madrid Bib Nac
Ms 8282
same

Vatican, BAV
Barb lat 77
same

Vienna, Schottenstift
Ms 51
same

VIIIb.



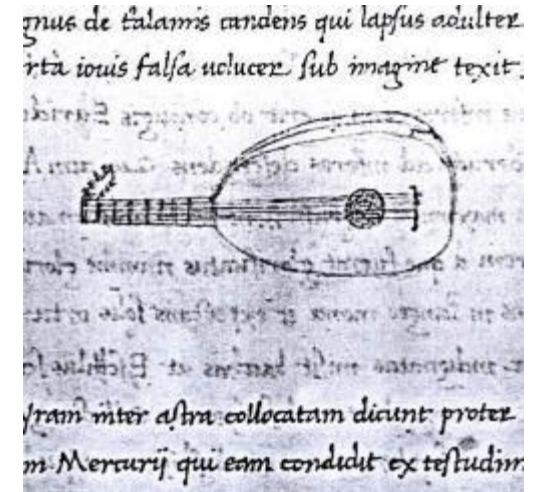
Vatican,BAV
Urb lat 1358
same

VIIIc.

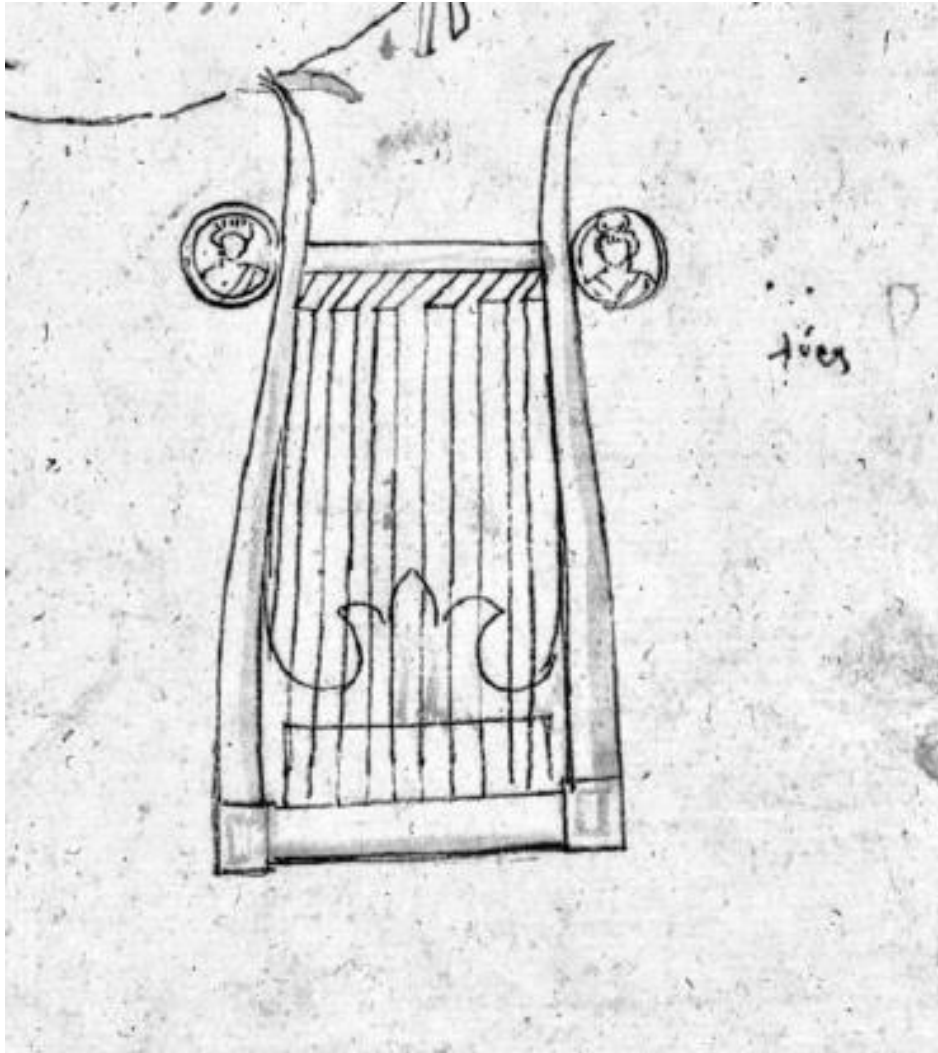


Florence, Bibl Laurenziana
Plut 89 sup 43
same

IX.



Montpellier
Ms H 452
n.b. – as a lute



Vatican BAV,
Vat grec 1087

n.b. – more classically-shaped rectangular cithara, busts in decorative roundels



Planisphere
similar



winter hemisphere
note how drawing has become schematised,
more H-like



London, BL
Harley 647
n.b. – wavy (= bucranium)



London, BL
Harley 647 – planisphere
similar, more boxy

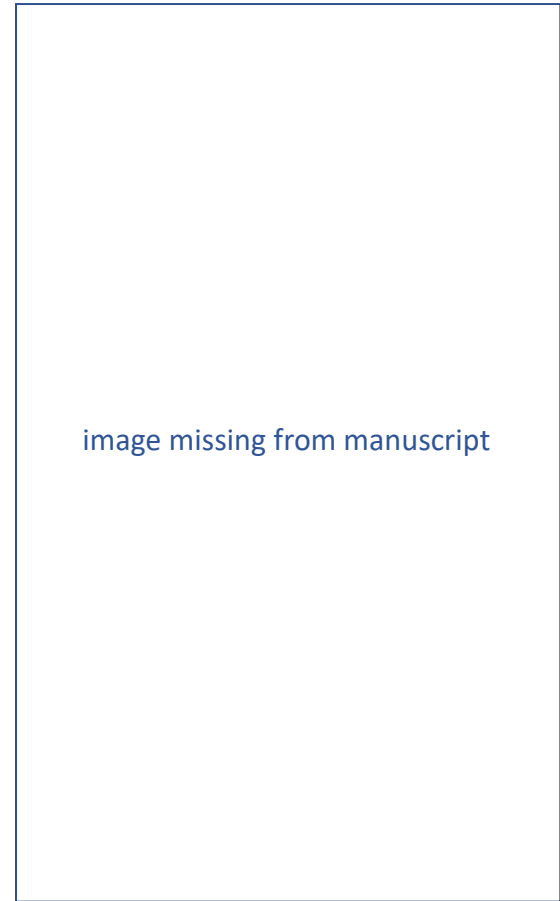


image missing from manuscript

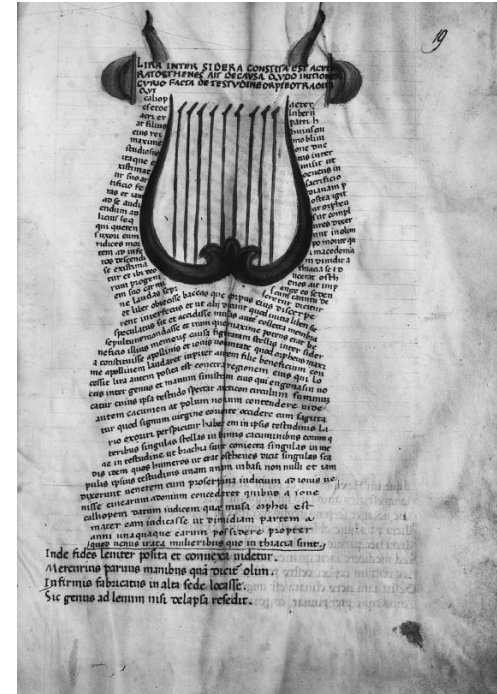
London, BL
Harley 2506



London, BL
Cotton ms Tib B.V., pars 1
n.b. – ‘wavy’ (= bucranium)

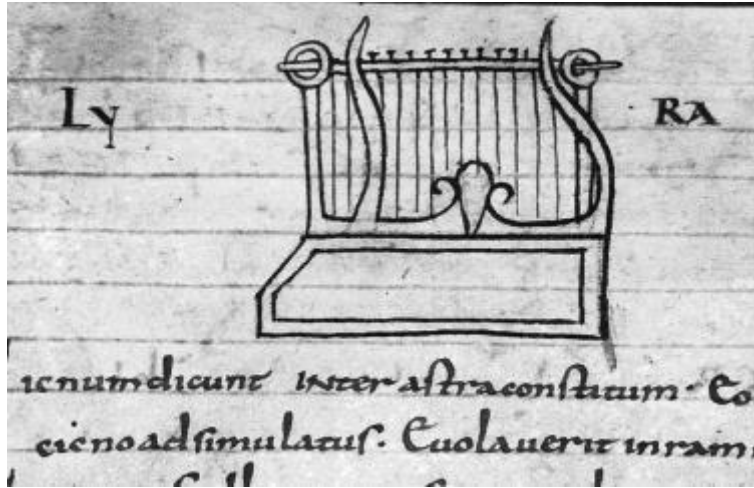


London, BL
Cotton Ms Tib C. 1
similar

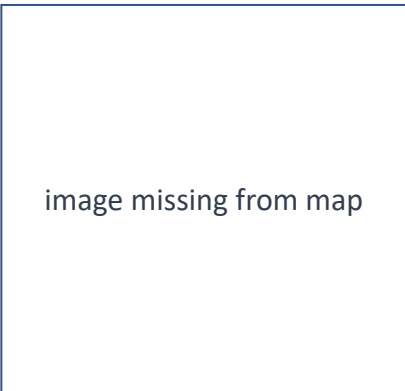


Gottweig,
Stiftsbibl Ms 7
similar

I.



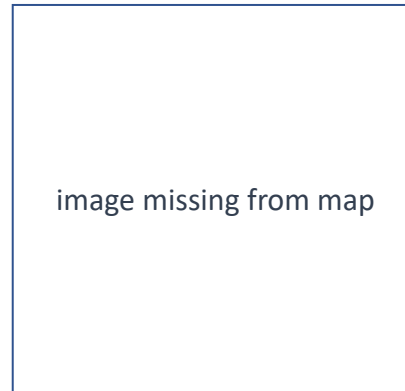
Dresden, Landesbibl.
Ms D C 183 –
n.b. – curved 'horns', pentagonal box



Dresden – winter hemisphere



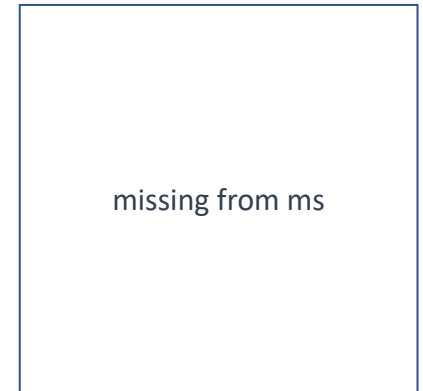
Paris BN
Lat 12957
same



Paris – winter hemisphere

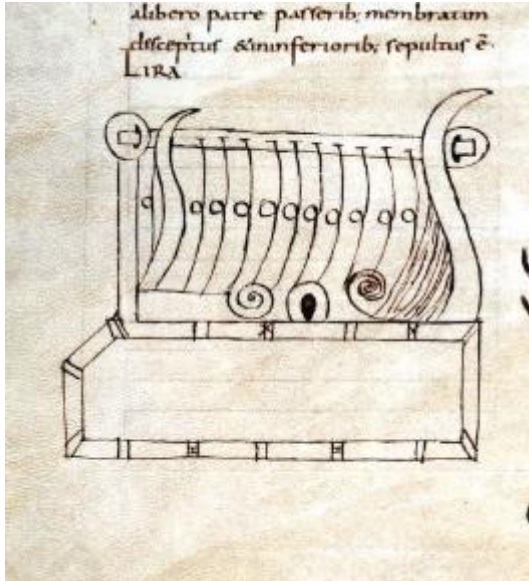


Prague, Univbibl
Ms IX. C. 6 (1717)
n.b. – no box, bird's head on crossbar

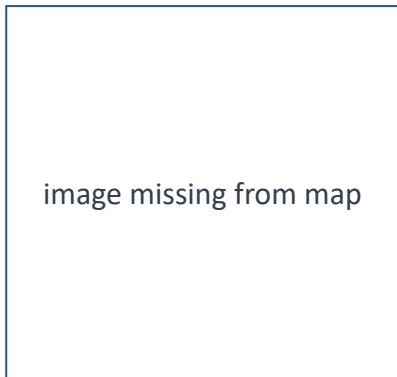


Prague – winter hemisphere

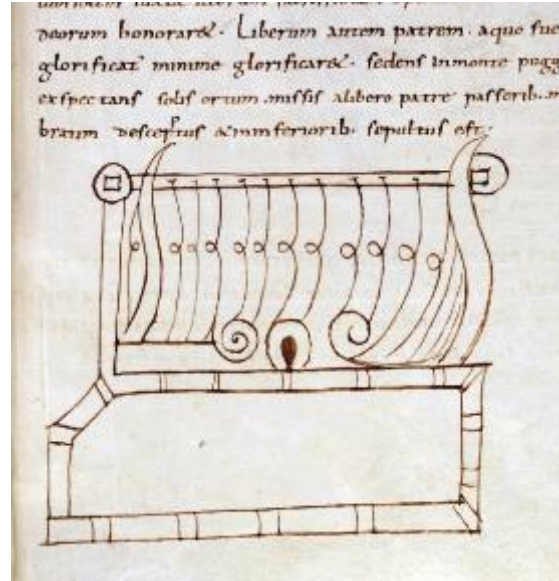
1a.



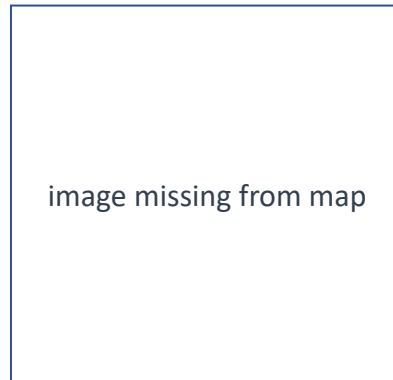
St Gallen, Stiftsbibl
 Ms 902
 n.b. – curved 'horns', pentagonal box



winter hemisphere

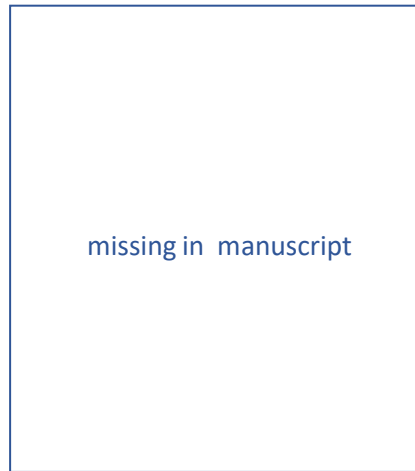
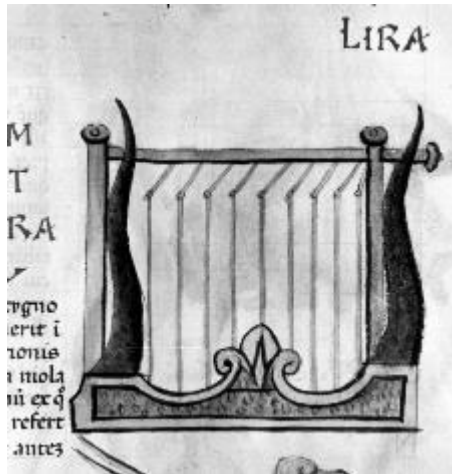


St Gallen, Stiftsbibl
 Ms 250
 same



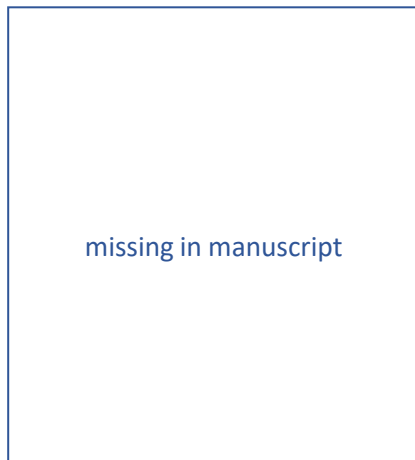
winter hemisphere

Ib.



Gottweig, Stiftsbibl.
Ms 7 (146)
n.b. – box reduced/missing

hemisphere



Siena, Bib com
Ms L. IV. 25
same

hemisphere

I. (distant relative)



image missing from manuscript

Paris BN
n.a. 1614



image missing from manuscript

Munich, Staatsbibl.
CIm 560



Vatican, BAV
Reg lat 1324

n.b. – as a medieval harp



image missing from map

winter hemisphere



image missing from manuscript

winter hemisphere

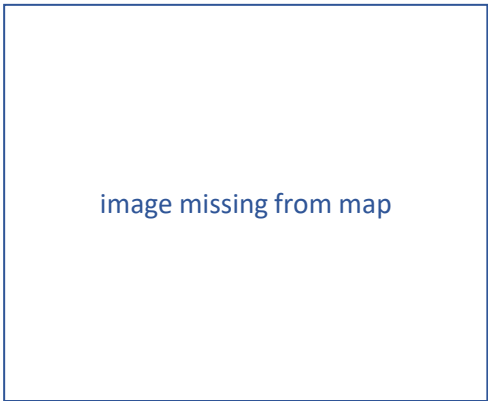
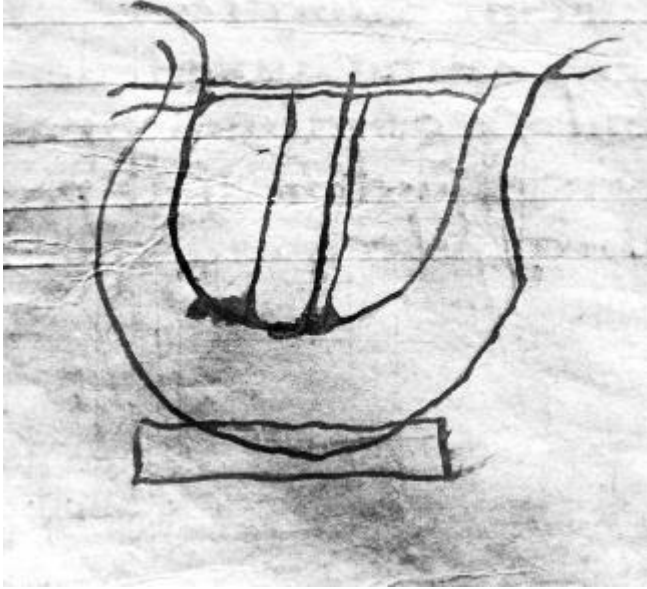


image missing from map

winter hemisphere

II. *is & in inferioribus; sepultus*

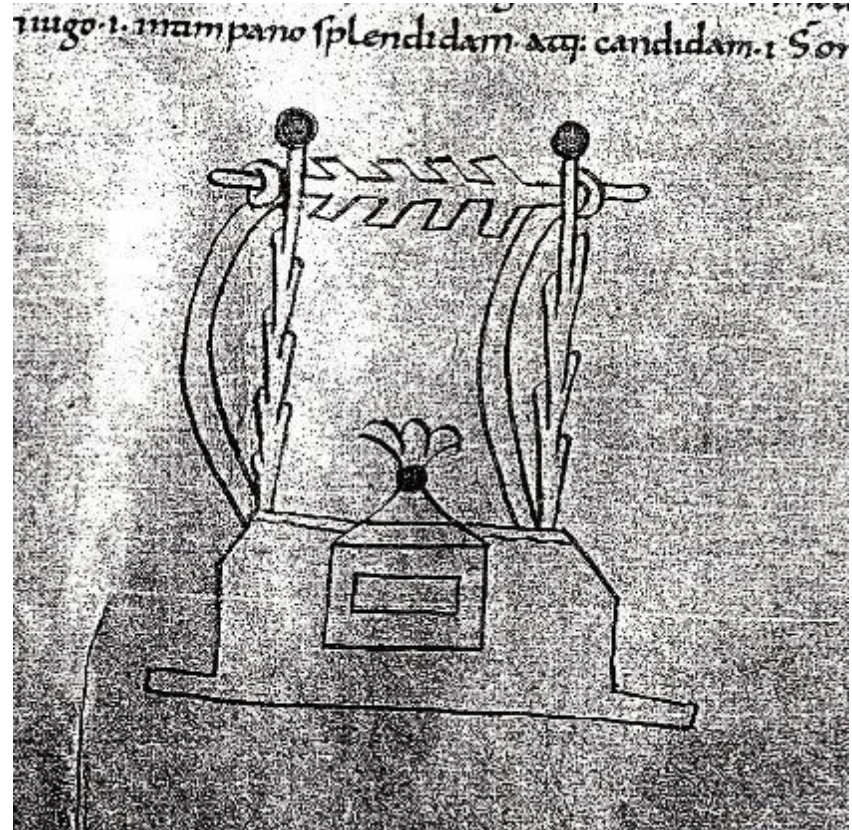


Cologne, Dombibliothek

Ms 83.11

n.b. – U-shaped with flat base

Ila.



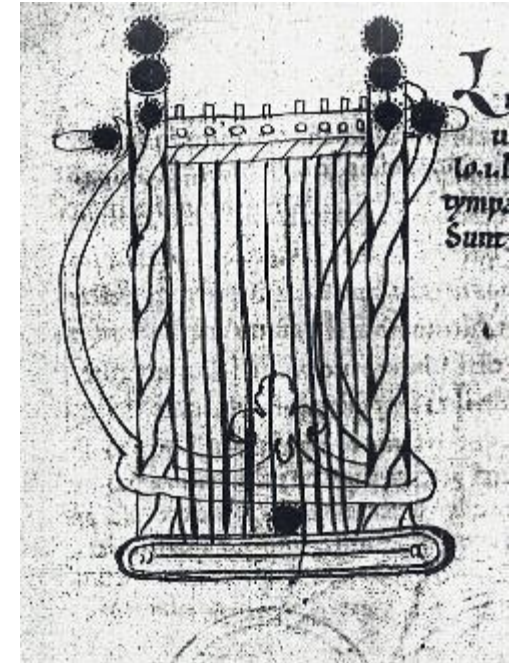
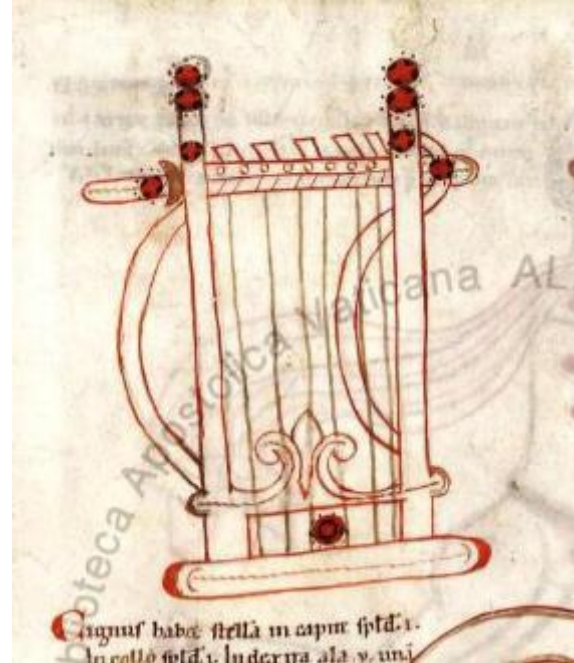
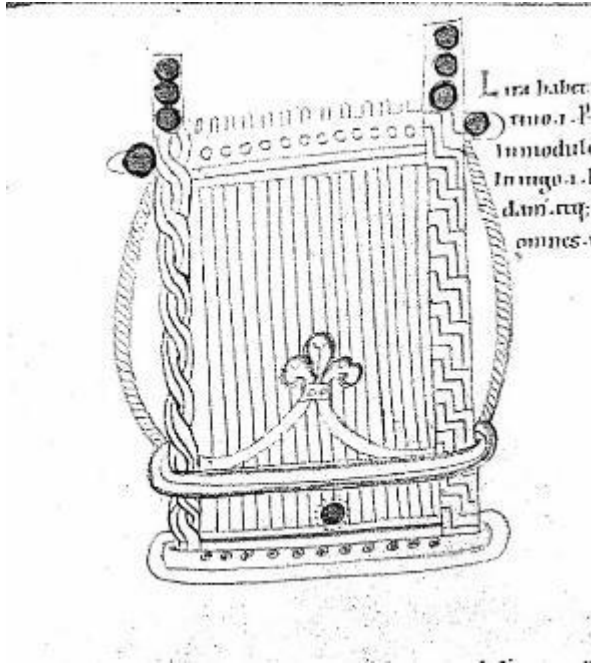
Paris, BN
Lat 5543

n.b. – decorative, front vertical struts, curved supports
behind, box at bottom

Paris, BN
Lat 5239

n.b. – same, but simpler

IIb.



Klosterneuburg,
Stiftskirche, Ms 685

n.b. – front vertical struts, curved
supports at sides, no box at
bottom, decorative

Vatican, BAV
Vat lat 643

n.b. – similar, but more structural

Zwettl, Stiftskirche
Ms 296

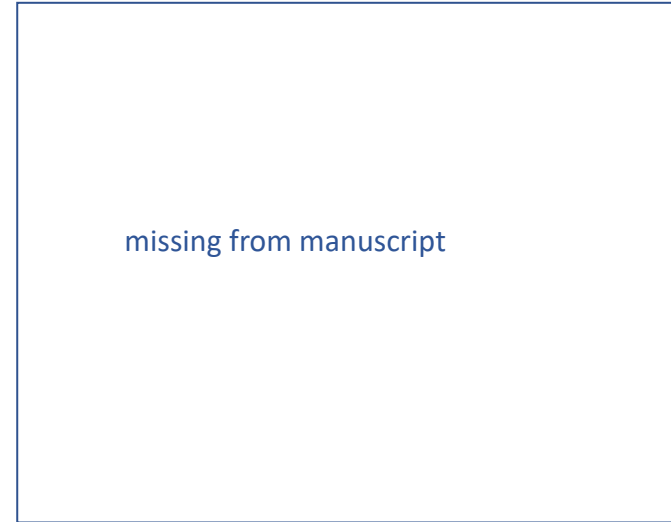
n.b. – similar

III.



Laon
Bib mun, Ms 422

n.b. – vase-like structure on stepped base



Rouen,
Bibl mun, 26

Singletons

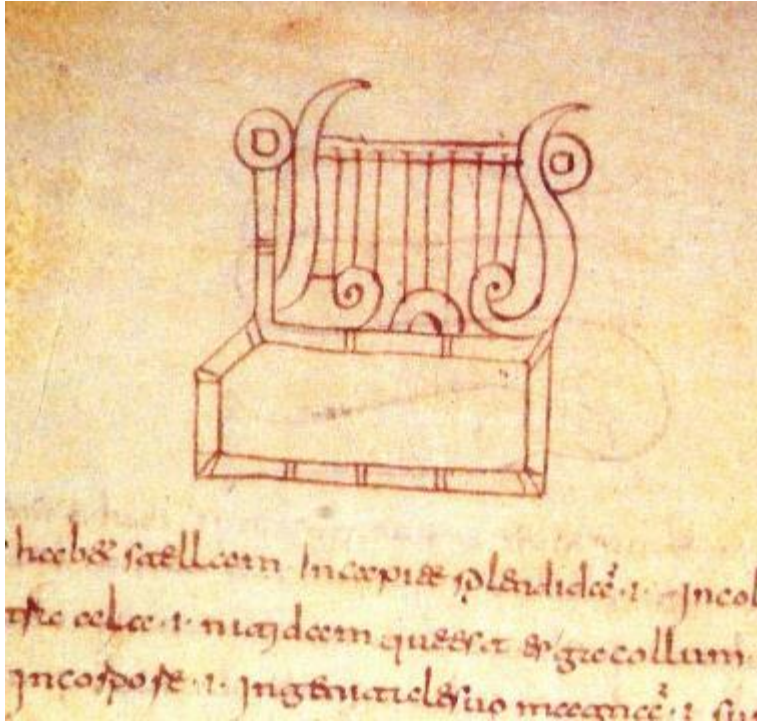


Durham, Cathedral Libr
Hunter 100
n.b. – oval shape (sounding bowl?)



Freiburg-im-Bresgau
Ms 35
n.b. – with curved arms

Singletons



Montecassino,
Badia, Ms 3

n.b. – curved horns, pentagonal base (cf: RAL images)

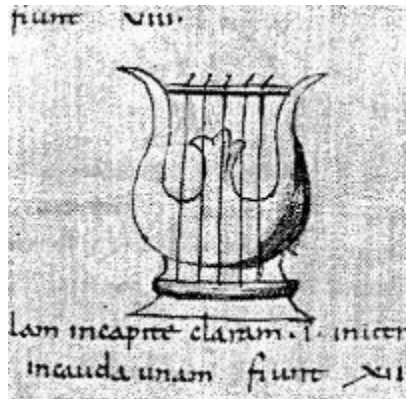
1a.



Berlin, Staatsbibl
 Ms lat 130 (Phill 1832)
 n.b. – lily/ lyre-shaped, curved side supports,
 on stepped base

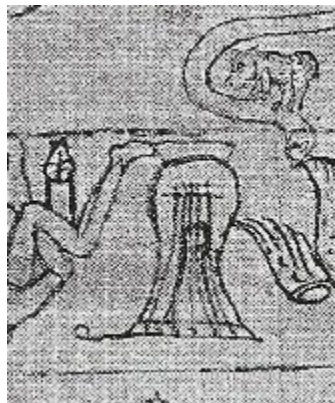


Berlin planisphere
 n.b. – two 'horns' conflated with
 Corona borealis



Monza, Bib capit
 (246)
 n.b. -- same

Ms F. 9/176

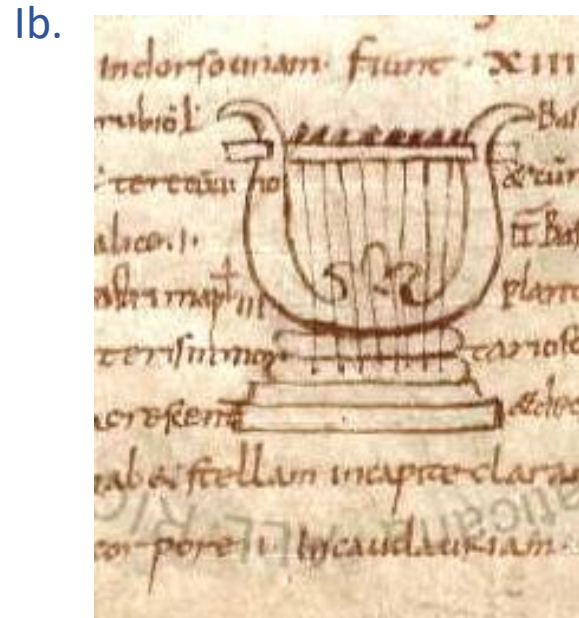


winter hemisphere
 Ms F. 9/176 (246)
 n.b. – urn-shaped



Madrid, Bib Nac
Ms 3307

n.b. – U-shaped horns, on stepped base



Vatican BAV,
Vat lat 645

n.b. – similar, but more stylised

II.



Munich, Staatsbibl. Ms clm 210
n.b. – U-shaped, on base



planisphere
U-shaped



Vienna, ONB
Vindob 387
same

III.



Austin TX, Harry Ransom,
Univ of Texas, Ms 29

n.b. – curved horns with cross-bar, base or supports below



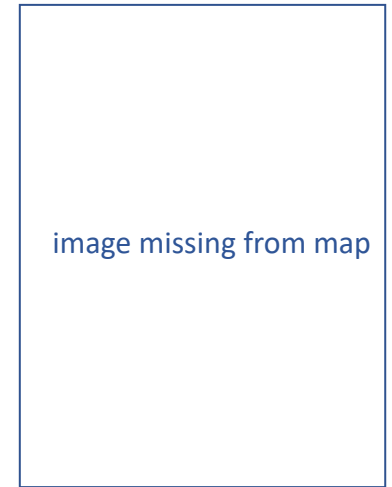
Paris BN
lat n.a. 1614

n.b. – longer instrument



St Petersburg, Nat Libr
Ms Q v IX, no 2

n.b. – with horns, curved bottom and base



winter hemisphere

IV.



Paris BN
lat 12117
n.b.— lily/ U-shaped and small base



Vatican BAV,
Reg lat 309
n.b. — same

V.



Los Angeles, Getty Mus
Ludwig XII, 5
n.b. – medieval harp

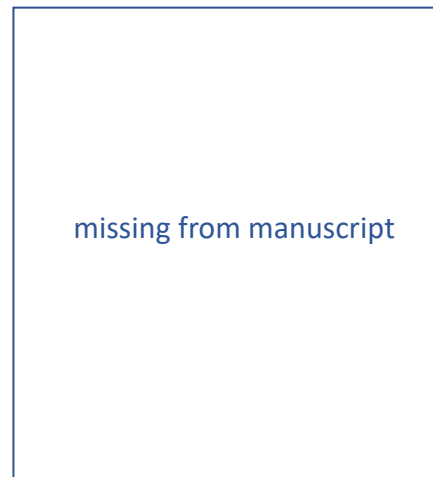


Paris BN,
lat 8663
n.b. – long body with holes rather than strings, with curled crossbar

Singletons



Vienna, ONB
Vindob 12600
n.b. – lily-shaped; upside-down



Reykjavik
Ms 1812

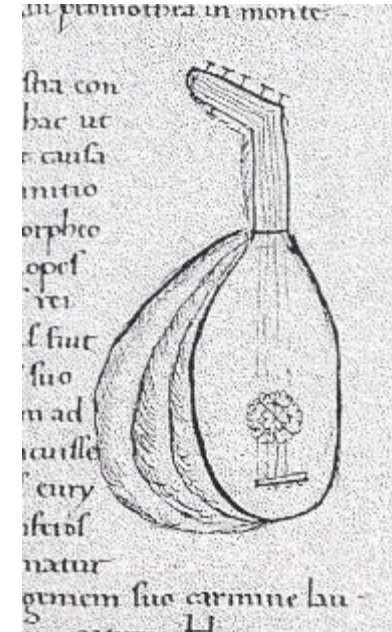
la.



S Paul im Lavantthal
 Ms 16/1 (XXV. 4. 20)
 n.b. – long body with curved bottom and
 flared top



Florence, Bibl Laurenziana
 Ms Plut 29.30
 n.b. – same



Leiden, Univ-bibl
 Voss 8°18
 n.b. – lute

Ib.



Wolfenbüttel, Herz Aug
 Ms 18. 16. Aug 4°
 n.b. – vase-shaped with round belly



London BL
 Arundel 339
 same

Ic. (singleton)



Vienna ONB
Vindob 51
n.b. – round belly

II. (singleton)



Leiden Univ-bibl
Voss lat 4° 92
n.b. – depicted twice: 1) A-shaped structure with animal heads on top crossbar; 2) medieval harp

III.



Leiden Univ-bibl
Voss lat 8° 15

n.b. – decorative, front vertical struts, curved supports behind, box at bottom; see ps-Bede Paris lat 5543 and 5239

Vatican BAV
Reg lat 123

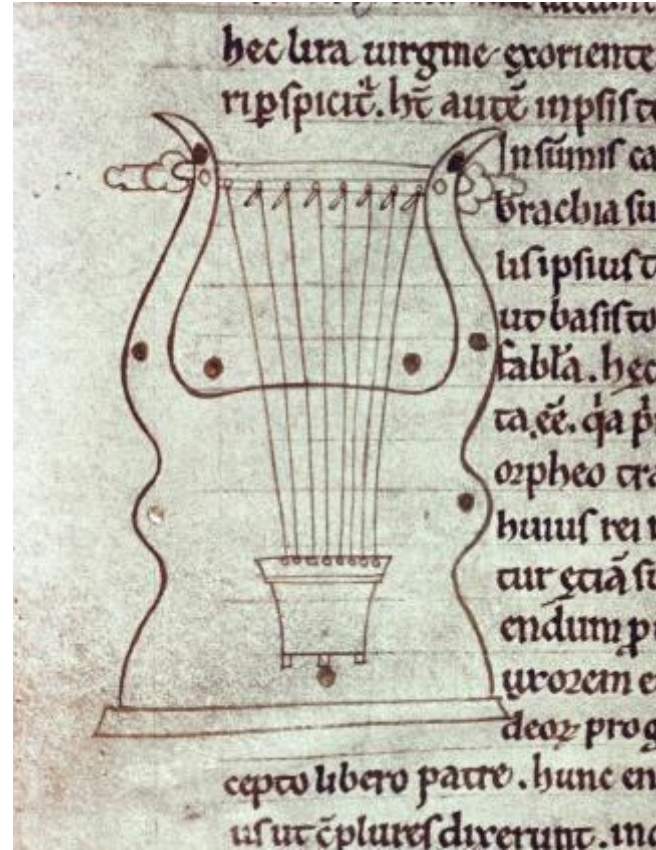
n.b.. – flat, with cross bar ending in curve (see Paris lat 8663)

planisphere
n.b.. – as two-storied structure

IV.



Oxford, Bodleian Libr
 Bodley 614
 n.b. – wavy body, curved horns, (cf. Cicero mss)



Oxford, Bodleian Libr
 Digby 83 (SC 1684)
 n.b. – similar, but simpler

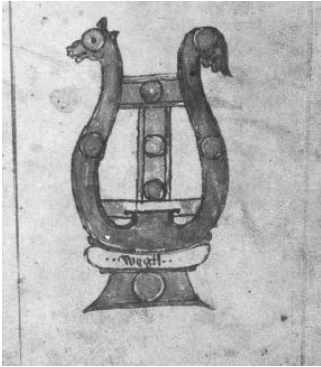
V. (singleton)



Baltimore, Walters Art Gallery
Ms 734

n.b. – lyre-shaped, with animal heads at top
supports, base at bottom (cf Berlin 8° 44)

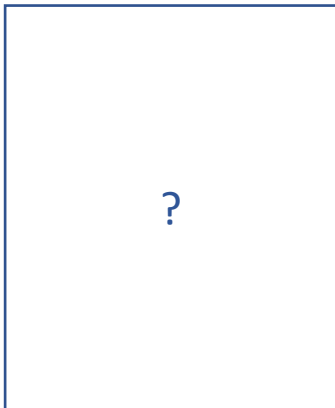
VI. (singleton)



Berlin, Staatsbibl.
Ms 8° 44 (Rose 962)

n.b. – lyre-shaped, animal supports
(cf Baltimore)

VI- related: German Star Books ('secundum Hyginum')



Lyon, Bib mun, Pal des
Arts 45



Lyon, Bib mun
Ms 172
bellows-type instrument

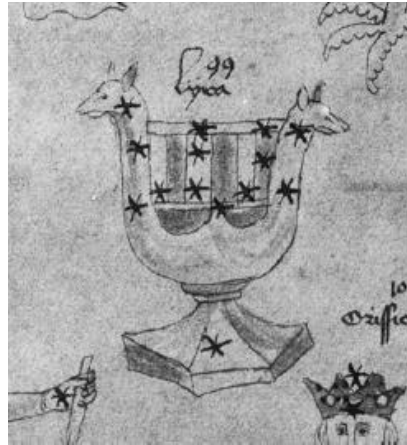


Munich, Staatsbibl
Germ 595
similar to Berlin 8° 44

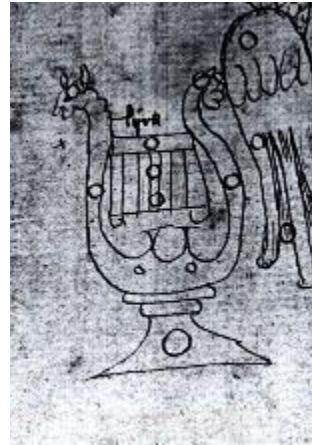
VI- related: German Star Books ('secundum Hyginum')



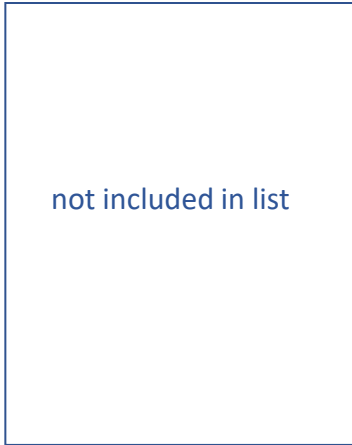
Munich, Staatsbibl
CIm 59
n.b. – similar



Vatican BAV
Pal.lat. 1369
like Munich 595

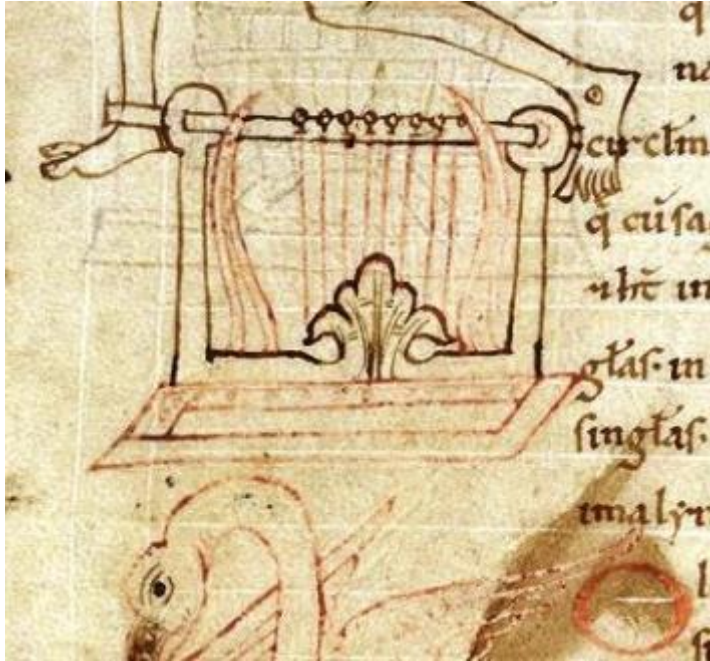


Vatican BAV
Pal.lat. 1389
similar



Wolfenbüttel Herz Aug
Guelf 81 24 Aug 2

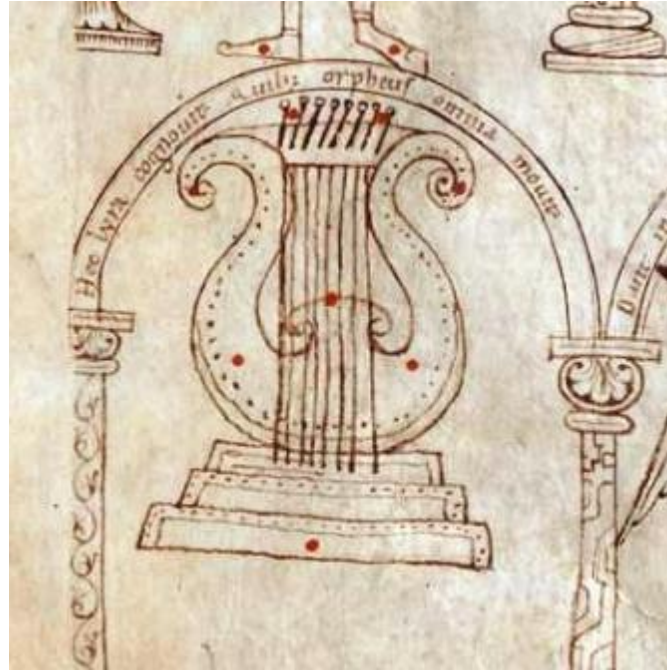
VII. (singleton)



London BL,
Roy Ms 13. A. XI

n.b. – two sets of supports – horns and straight bars, rectangular base

VIII. (singleton)



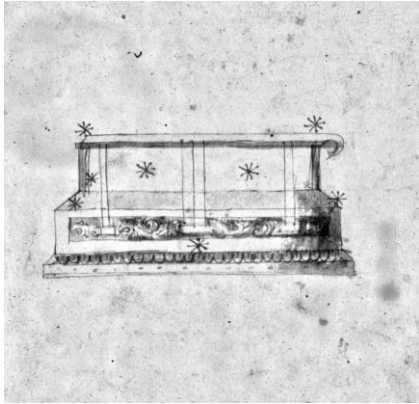
Munich, Staatsbibl.
CIm 10270

n.b. – lyre-shaped, stepped base

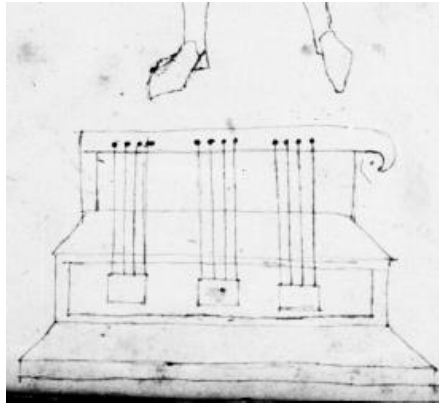
Hyginus

Lyra

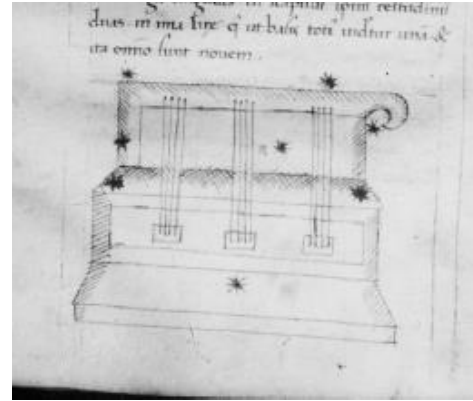
IXa.



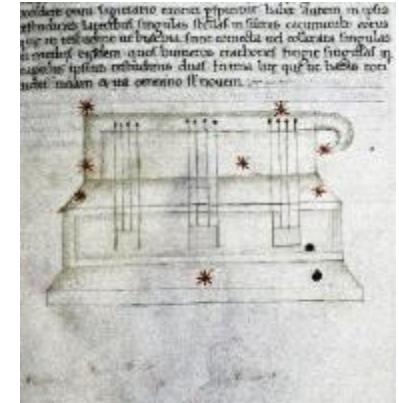
Cambridge, Fitzwilliam Mus
Ms 260
n.b. – low rectangular box, with
upright at back and curled top bar



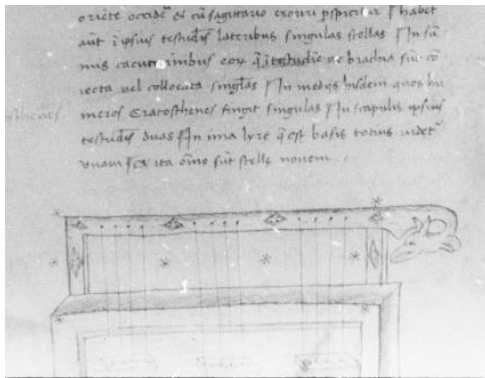
Florence, BN
Magl XI. 141
same



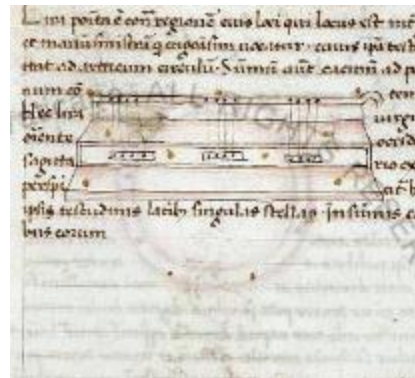
Milan, Bibl. Ambrosiana
T. 47 sup
same



Oxford, Bodleian Libr
Can. class lat 179
same



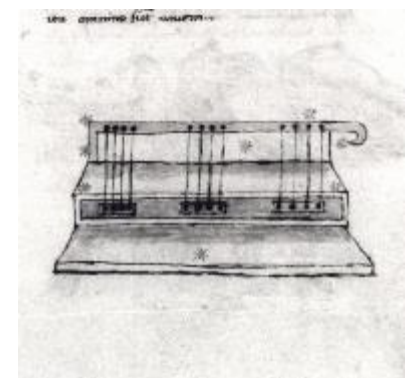
Siena, Bib com
Ms L. VI. 25
same, with animal head



Vatican, BAV
Vat lat 3109
same



Vatican, BAV
Vat lat 3109
same



Verona, Bibl capitolare
Ms CCLXI
same

IXb.

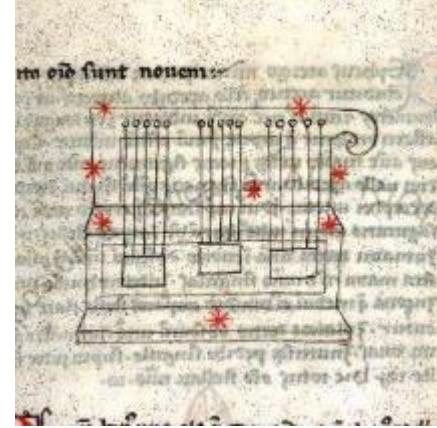
IXc.



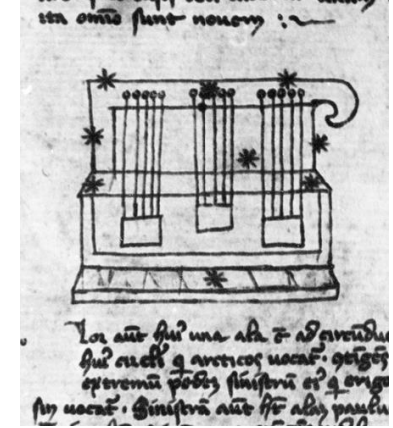
Oxford, Bodleian Library
 Can misc 46
 same



Milan, Bibl Trivulziana
 N. 690 (E 83)
 same

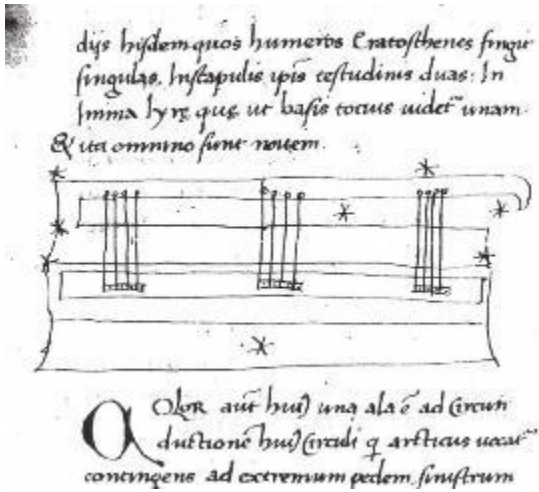


Vatican, BAV
 Vat lat 3110
 same



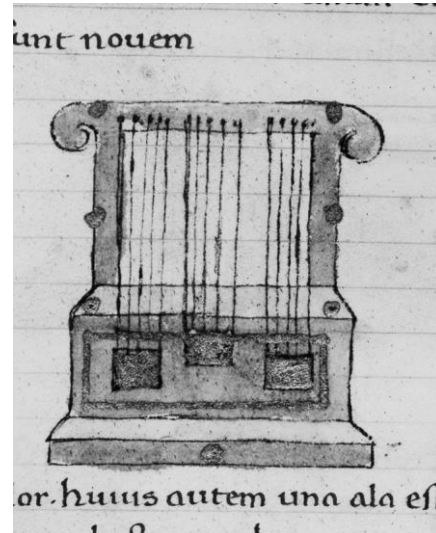
Florence, BNC
 Magl XI. 114,1
 same

IXd. (distant singleton)



Florence, Bibl Laurenziana
Ashburnam1148
n.b. – same

IXe.



Pavia, Bibl Univ
Aldini 490
n.b. – more upright and symmetrical

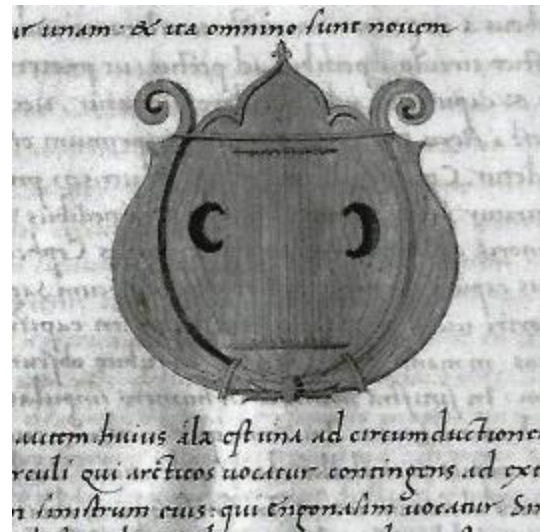


Vatican., BAV
Urb lat 1358
same

IXf.



New York, Public Library
Spencer Ms 28
n.b. – round-bodied and
symmetrical



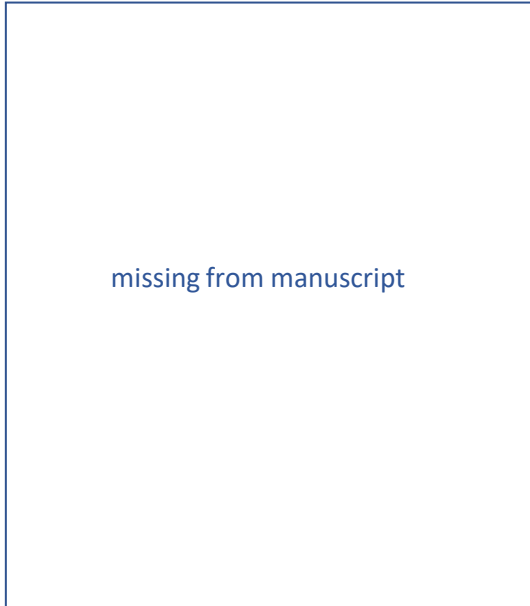
Freiberg, Andreas-Möller-Bibl.
Cl XI 4o 9
same

IXg.



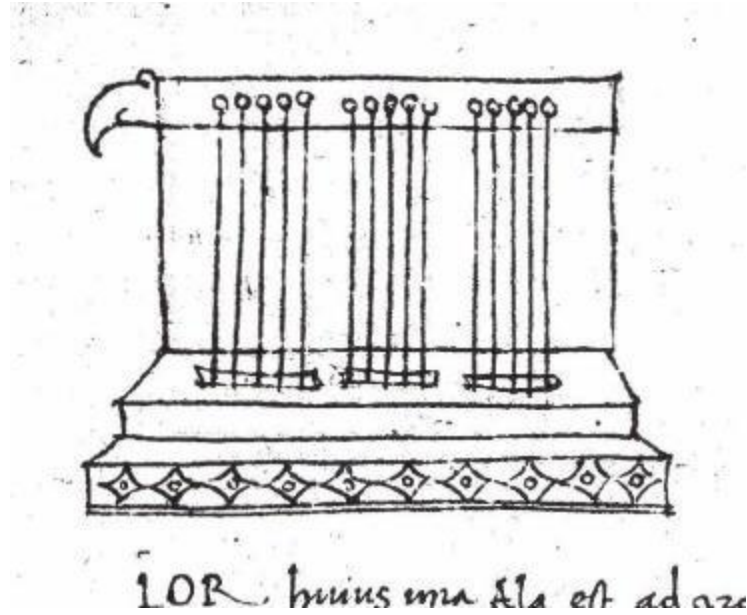
Florence, Bib Laurenziana
Plut 89, sup 43
lyre-shaped

X. (singleton)



Vatican, BAV
Chigi H. IV. 20

XI. (singleton)



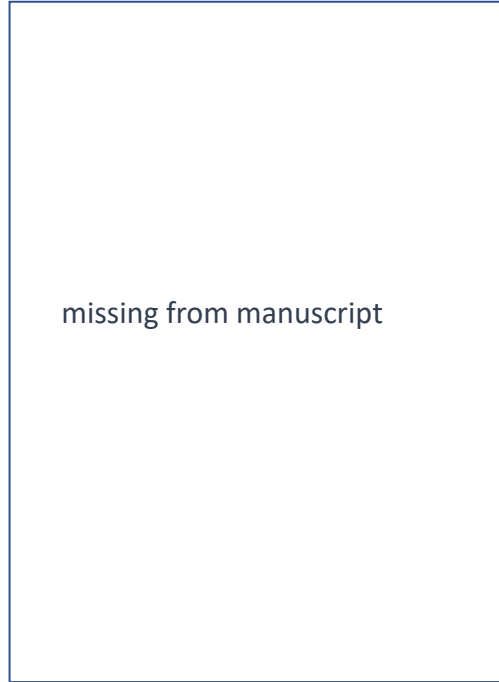
Cortona, Lib del Comune
Ms 184 (256)
same

Hyginus - singletons



Cambrai, Bibl Mun.
Ms 933 (832)

n.b. – lyre-shaped, with animal heads
on uprights



Cambridge, Trinity College
Ms R 15 32

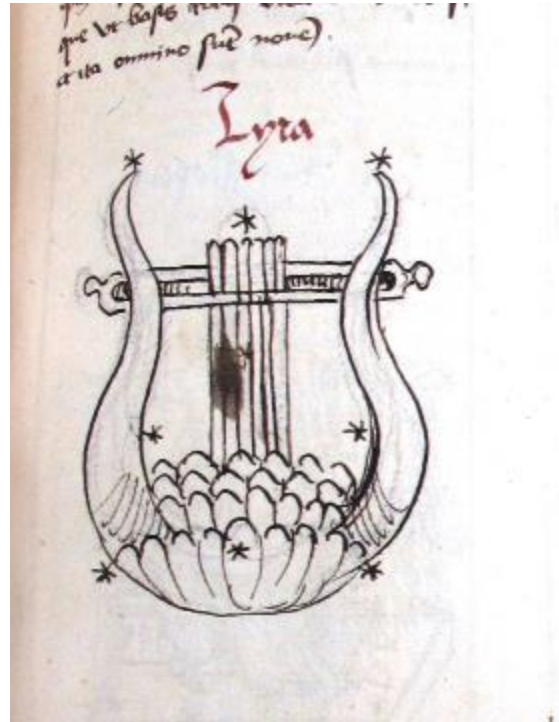


Leiden, Univ.-bibl.
Gronovius 21

Venice: Ratdolt, 1482

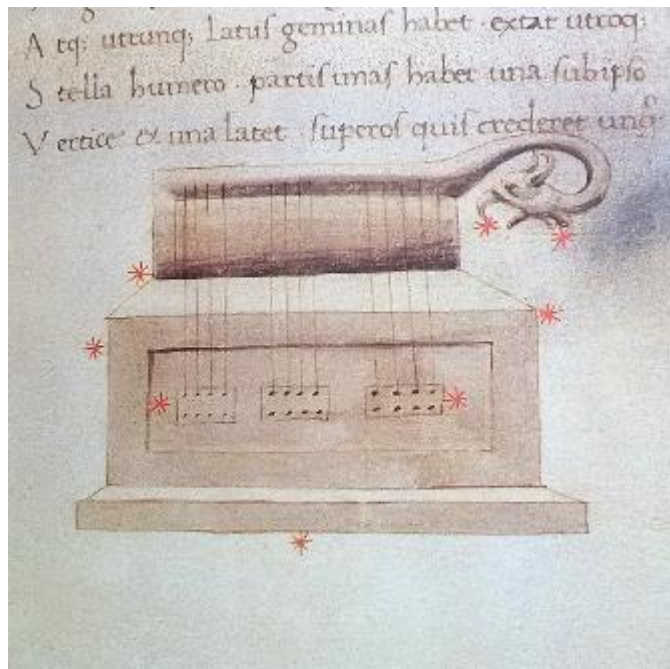


cf Michael Scot = horns, with crossbar,
lumpy bottom part



Vienna ÖNB
Vindob 3111
same

Ia.



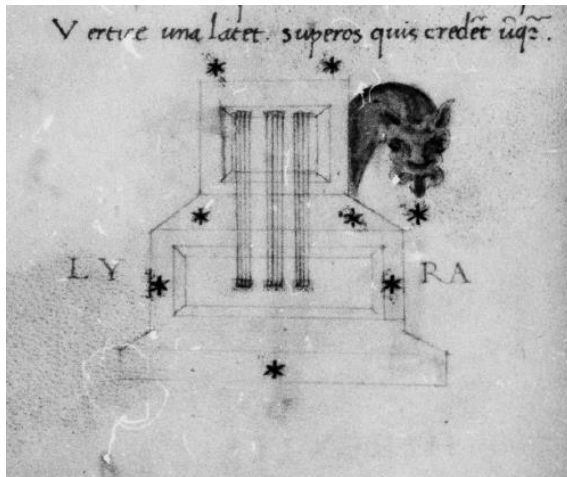
Rimini, Cassa di Risparmio
 (London Sotheby's sale 1992)
 n.b. – same two-stepped instrument with
 bird's head at crossbar (cf, Siena Ms L. VI. 25)

Ib.



Cambridge, CUL
 Dd IV 64
 n.b. – same

Ila.



Oxford, Bodleian Libr
Bodley 646

n.b. – similar, but animal head peeking out from behind instrument

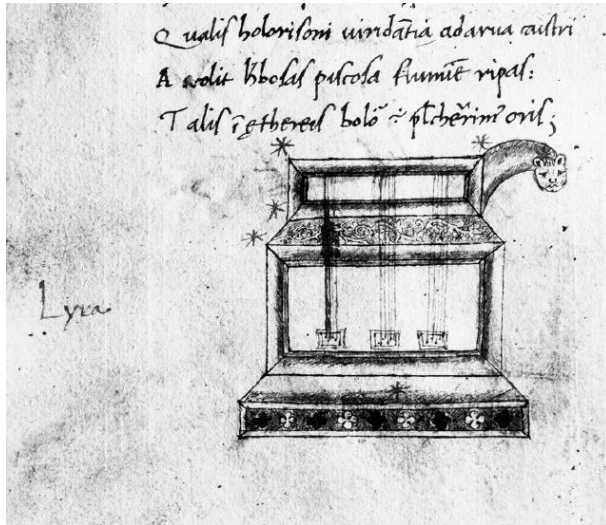
Parma, Bib Palatina,
Parm 1008

same as Oxford Bodley 646

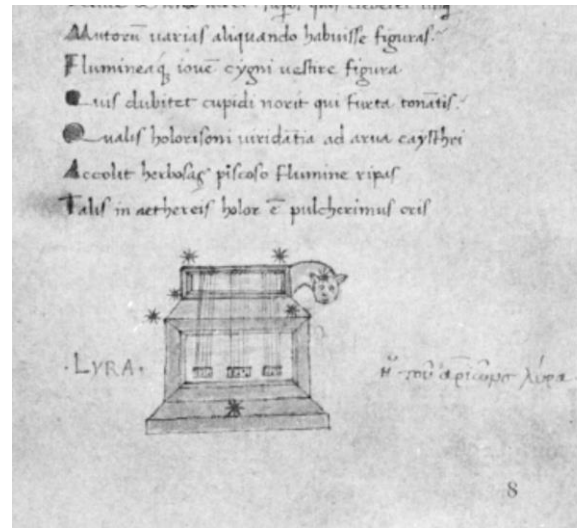
Venice, Bibl Marciana
XII, 194 (4148)

same

IIb.



Parma, Bibl Palatina
 Parm 27
 n.b. – same



Rome Bibl Casanatense
 Ms 4059
 same, with Greek text



Munich, BSB
 Clm 15743
 same, but not labelled

III.



Bologna, Bibl Com
 Ms 173
 n.b. – without animal

IV.



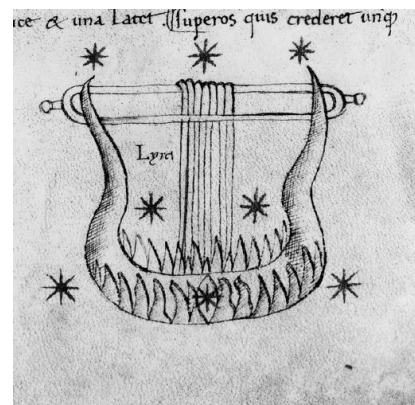
London, Wellcome Coll
 WMS 122
 similar to Bologna

V.

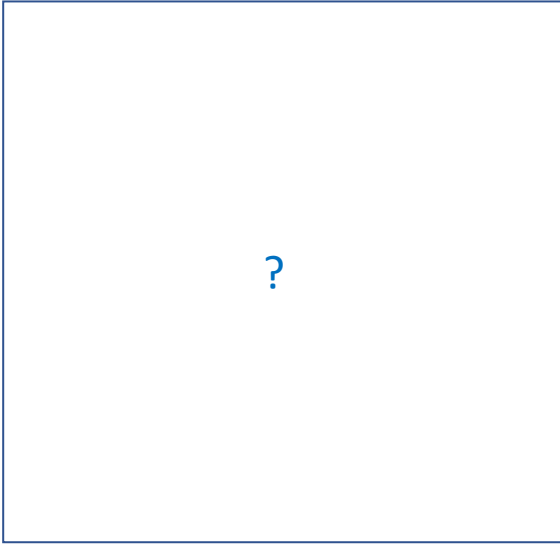


Ravenna, Bib Classense
 Ms 120

VI.



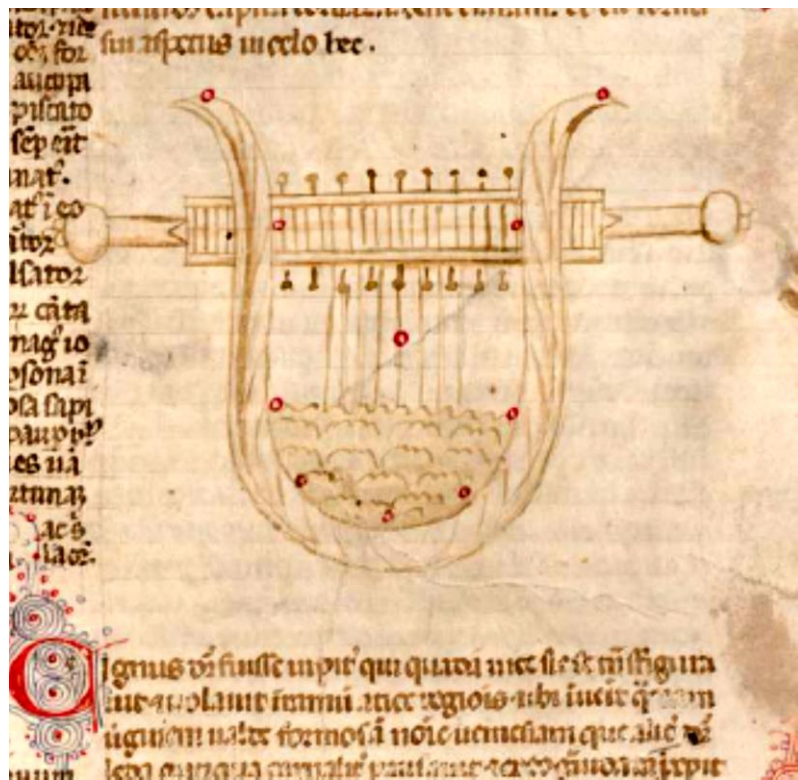
Florence, Bibl Marucelliana
 Ms C. CCLI
 cf. Hyginus editions



Krakow,
Rps BJ 3706

Padua, Bibl. Universitaria
Cod 983

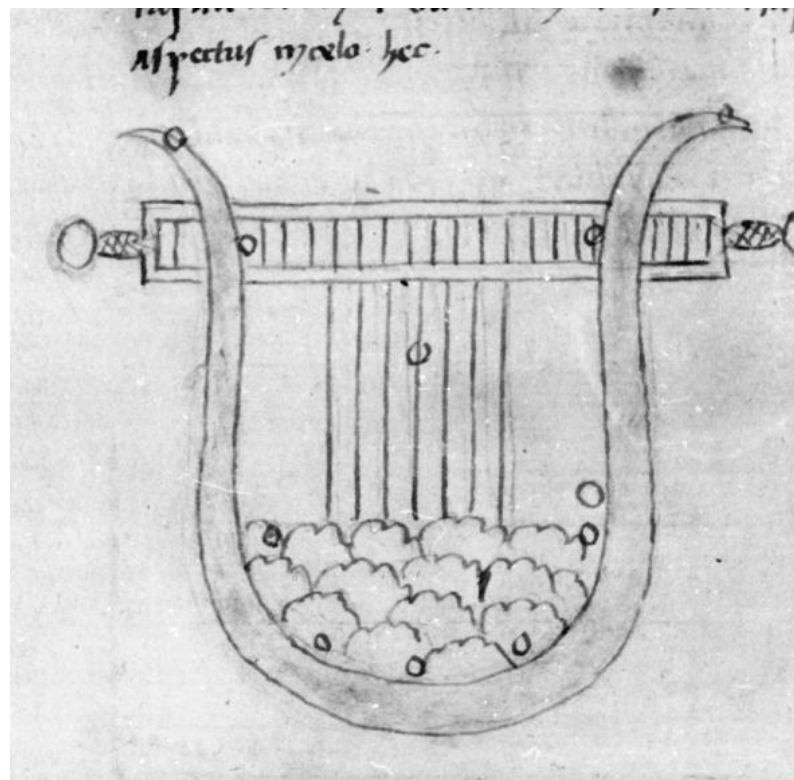
N Italian Group – Ia.



Munich, Staatsbibl

Clm 10268

n.b. – curved base, with crossbar at top and ‘cloudy/ scaley’ filler at bottom, tuning pegs for 8 strings



Oxford, Bodleian Libr

Bodley Ms 266

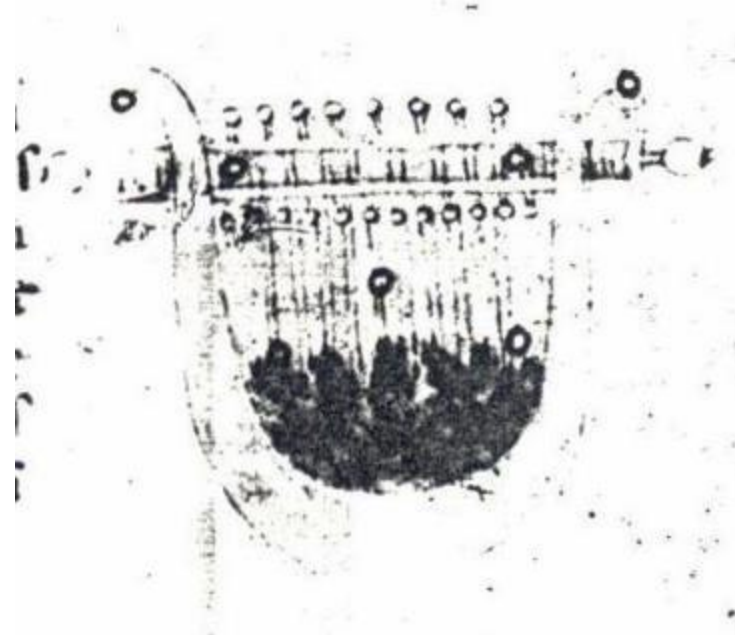
same, with 7 strings

Lyra est instrumentum pulsabile ex cordis, factum ex nervis unius testudines marine et corticibus eius, et cornibus bovis seu vacce Appollini dei Cuius corde sunt septem. (ed. Ackermann 2009, p. 200)

Michael Scot

Lyra

N Italian Group – Ib.



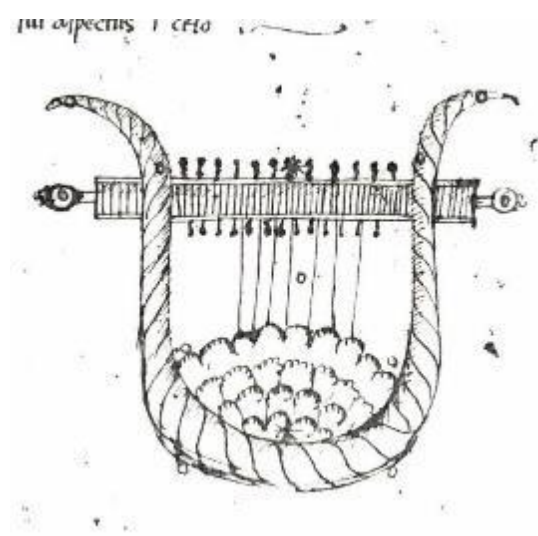
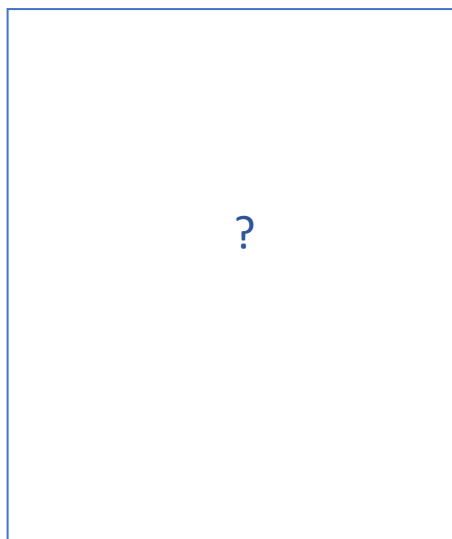
Vatican, BAV
Vat lat 4087 A

St Petersburg, Nat Libr
Ms lat F V IX, no. 1
n.b. – similar

N Italian Group – Ic.

N Italian Group – Id.

N Italian Group – Ie.

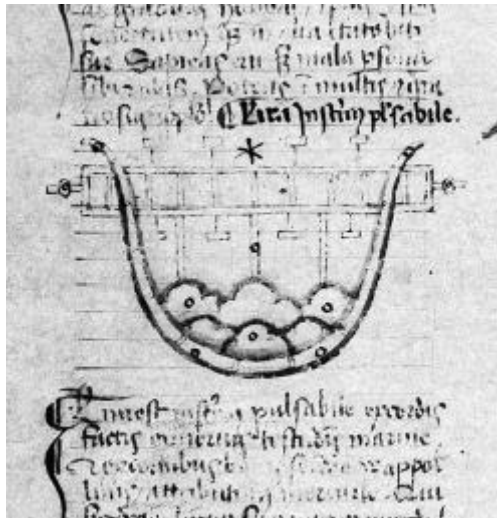


Warsaw, BN,
B Baw 46

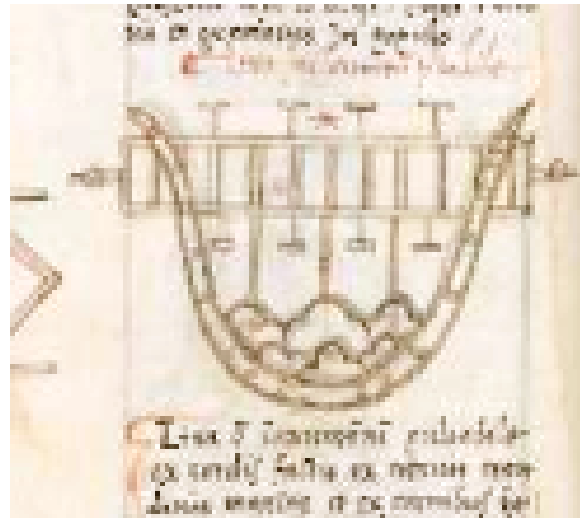
Vienna, ONB
Vindob 3394
n.b. – one classical lyre and one lira di braccia with horns

Padua, Bibl Seminario
Cod. 48
n.b. – same as Oxford

Venetian Group – IIa.

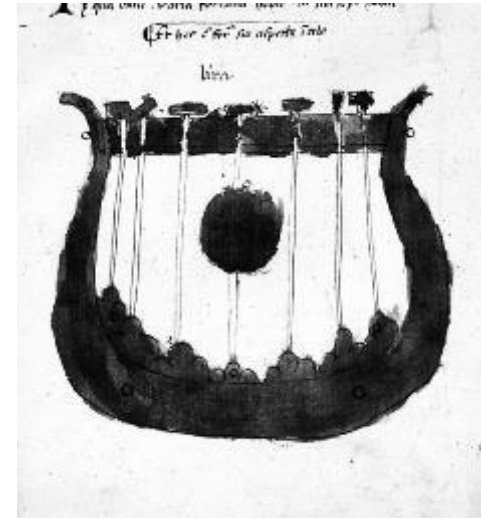


London BL
Add 41600
n.b. – similar, but more schematic
(and non-sensical)



London, Wellcome Coll
Ms 509
same

Venetian Group – IIb.



Milan, Ambrosiana
Ms I 90 sup
n.b. – similar, but with different
'tuning system' and circle (shell?) in
middle

Bohemian Group – IIIa.



Vienna, ONB
Vindob 2352
n.b. – dragons at ends of horns



Vienna, ONB
Vindob 2378
similar, but simpler

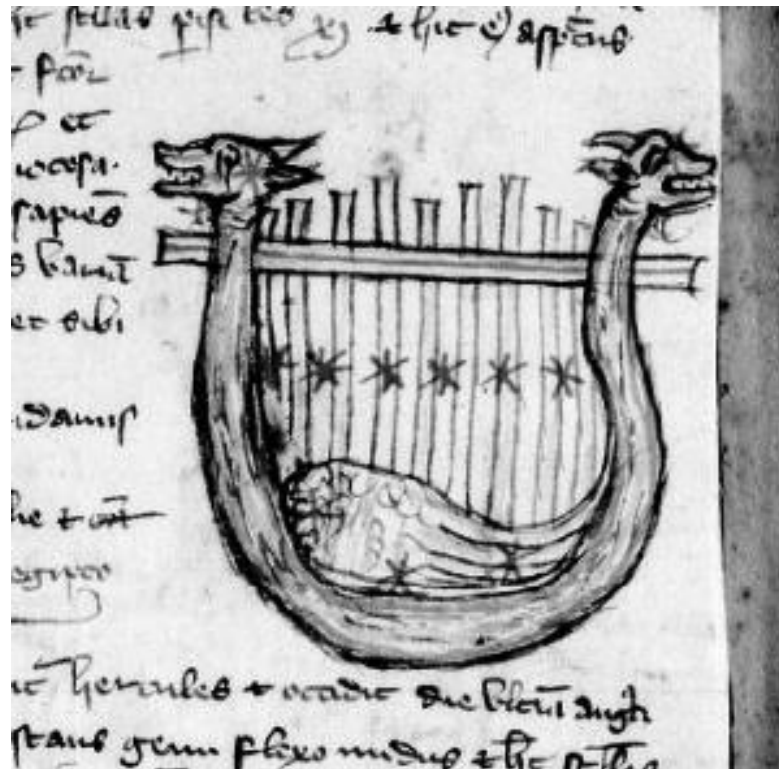
Bohemian – IIIa.



Prague NK,
Ms III. C. 2

n.b. – on a base

Bohemian – IIIb.



Paris BN
lat 7408A

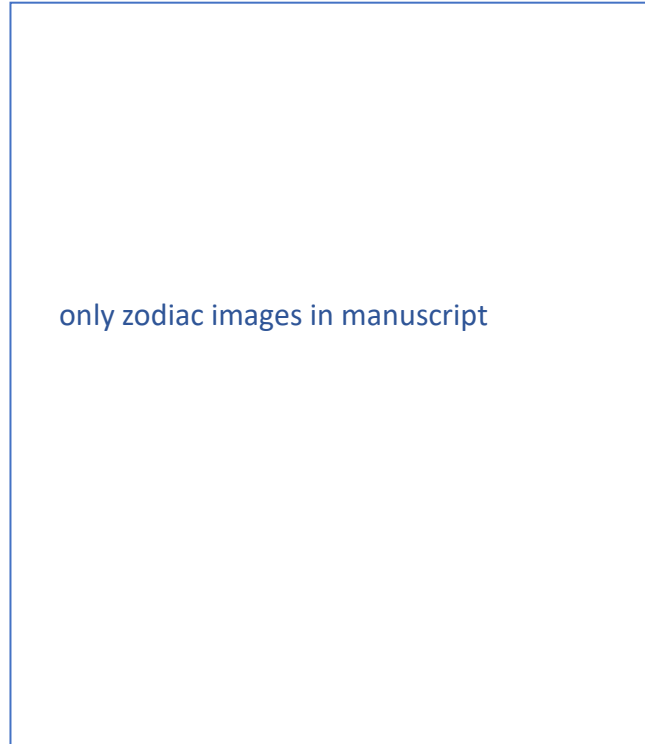
n.b. – with dragon heads at ends of horn (see Vienna 2352)
and wing at bottom of strings

Bohemian – IIIc.



Vienna, ONB
Vindob 5442
n.b. – similar

Bohemian – IIIId.

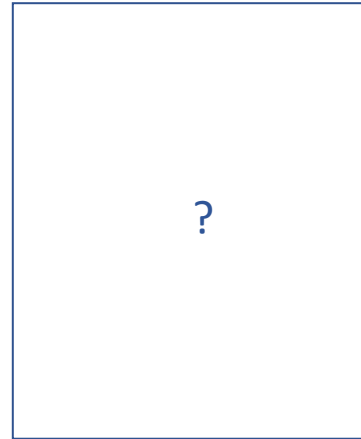


Cambridge, MA
Harvard, Houghton
Libr., Typ 43

Michael Scot



Edinburgh, Royal Observatory
Ms Cr 3. 23

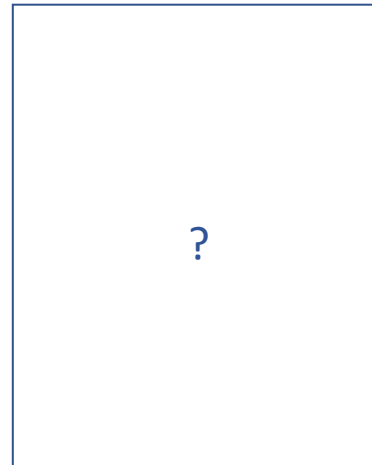


Florence, BNC
Magl. XXII, 22



Klosterneuburg, Augustiner Ch-Stift,
Ms CCI 125

n.b. – spiral shell with horns and 8 strings

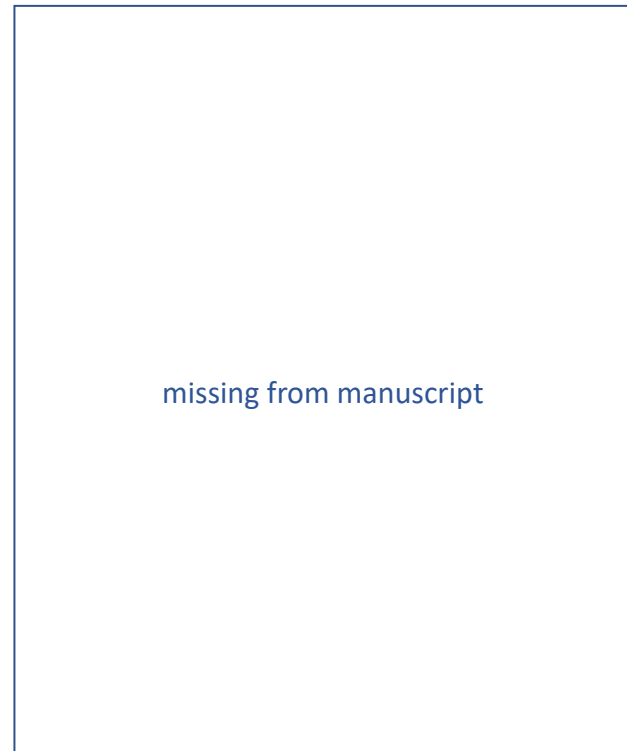


Krakow, Bibl Jagiellonska
Rps 573



Prague, Narodni Knihova
Ms XXXVI A 3

n.b. – U-shaped with horns and roller at top



Seville, Bibl Columbina
Ms. 7.7.1

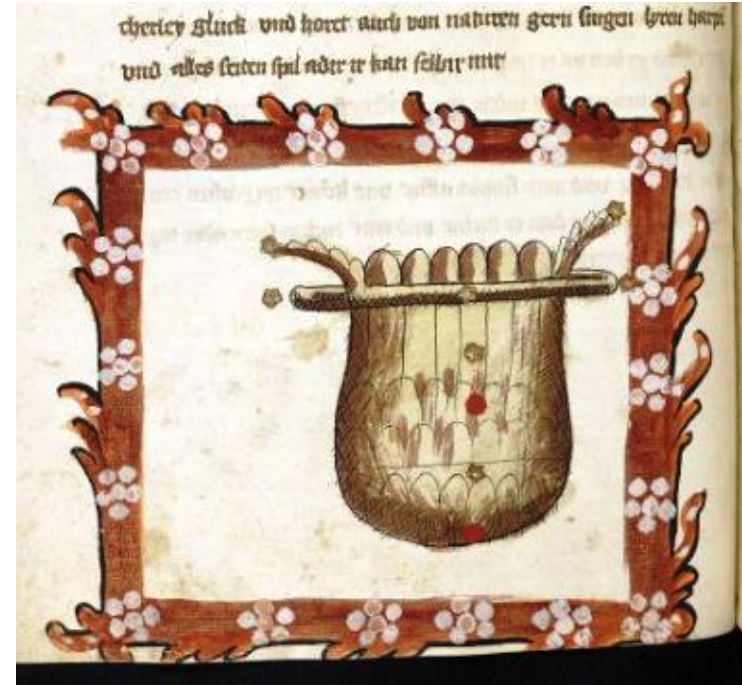
n.b. – standing facing viewer, holding fat Serpens



Darmstadt, Hess Hochschulbibl.

Ms 266

n.b. – fan-shaped rising from round shaped with
curved cross bar



Berlin, Staatsbibl

Ms germ fol 244

n.b. – U-shaped, solid structure with lobed top

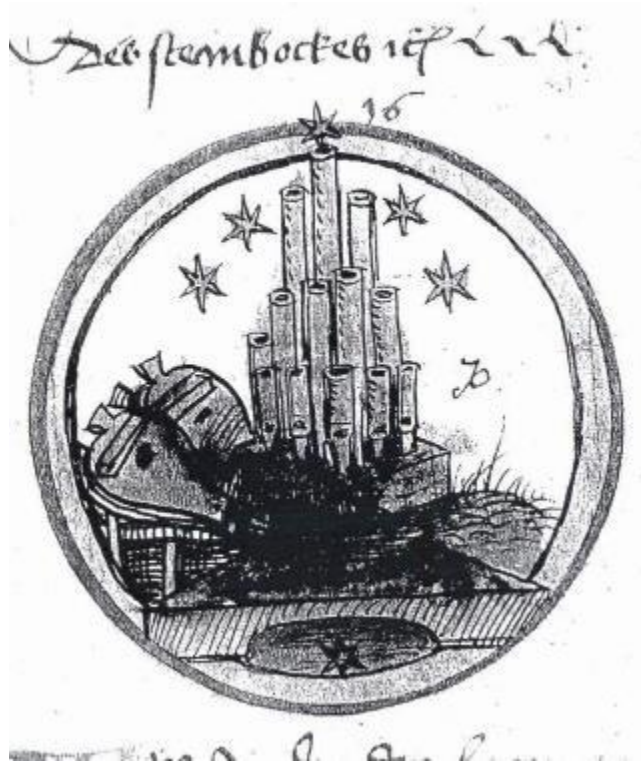


Salzburg, Studienbibl
2 G 8/13
n.b. – same as Darmstadt



Vatican, BAV
Pal lat 1370
n.b. – same as Darmstadt

German mss – IVa.



Paris, BN
Allem 106

n.b. – pipe organ with bellows

Michael Scot

German mss – IVb.



Tubingen Univ-bibl.

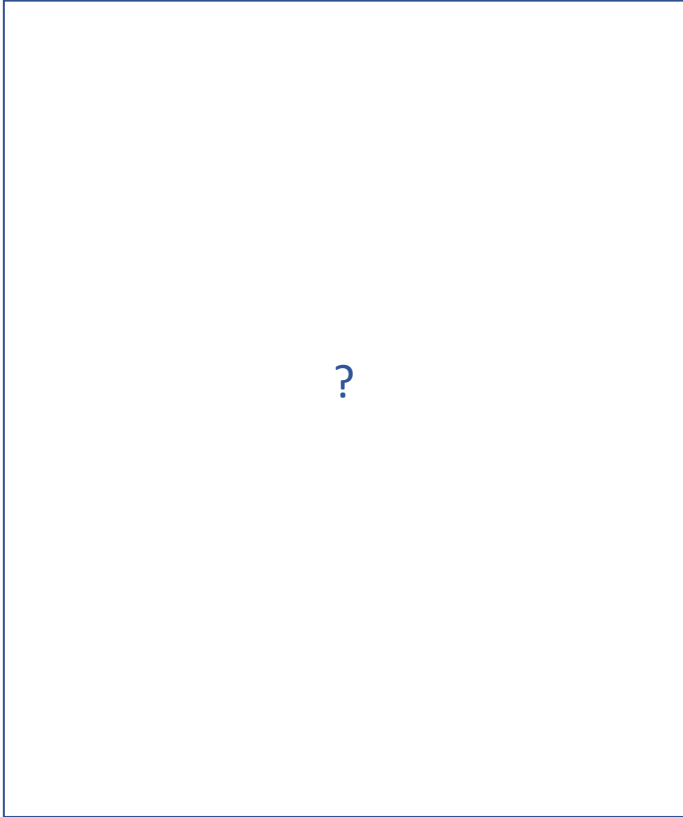
Ms d 2

n.b. – as pipe organ with bellows

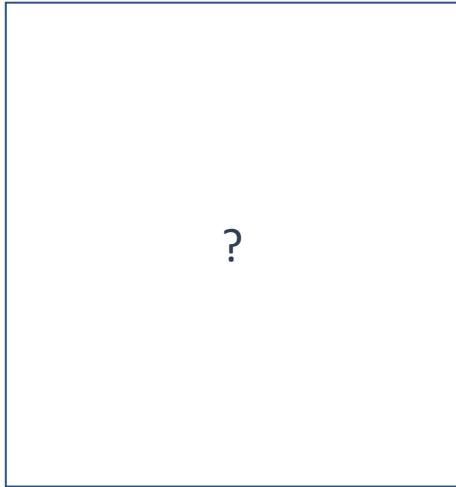


Northern and southern paranatellonta rotae

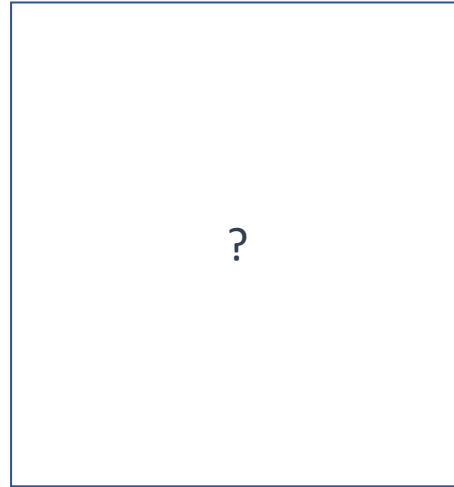
German mss – IVb.



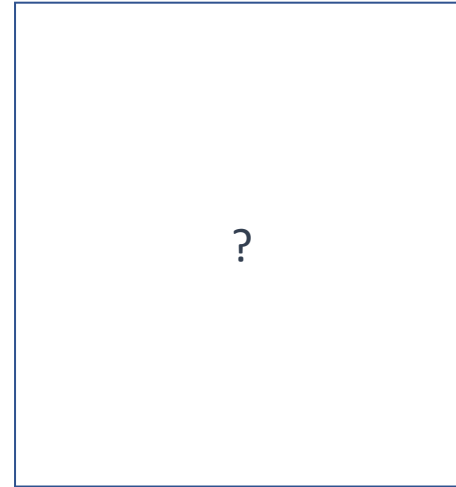
Wolfenbüttel, Herz Aug Bibl
Ms Guelph 29 14 Aug 4°



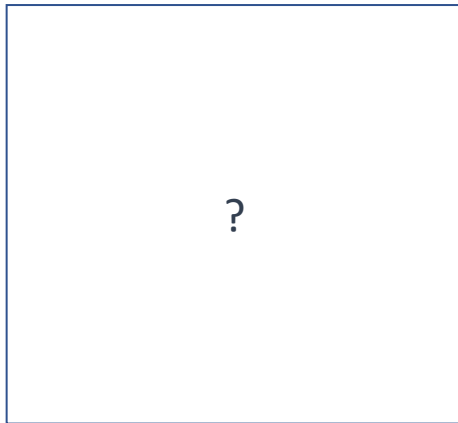
Coburg, Bayerisches Landesbibl.
Ms 5



Edinburgh, Royal Observatory Libr.
Ms Cr 4 6



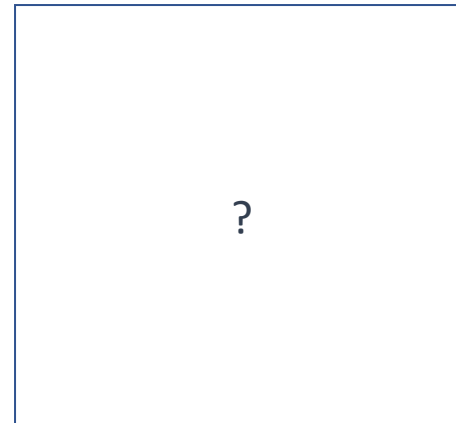
Freiburg, Univ-bibl.
Ms 458



Heidelberg Univ-bibl.
Pal germ 832



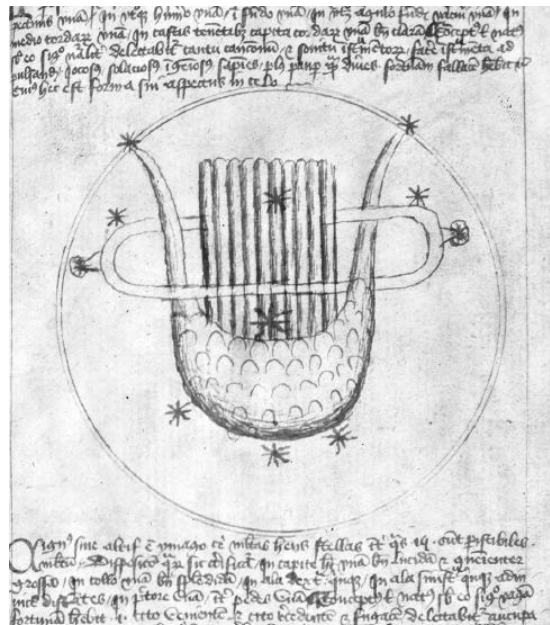
Karlsruhe, Badische Landesbibl.
Ms K 2790



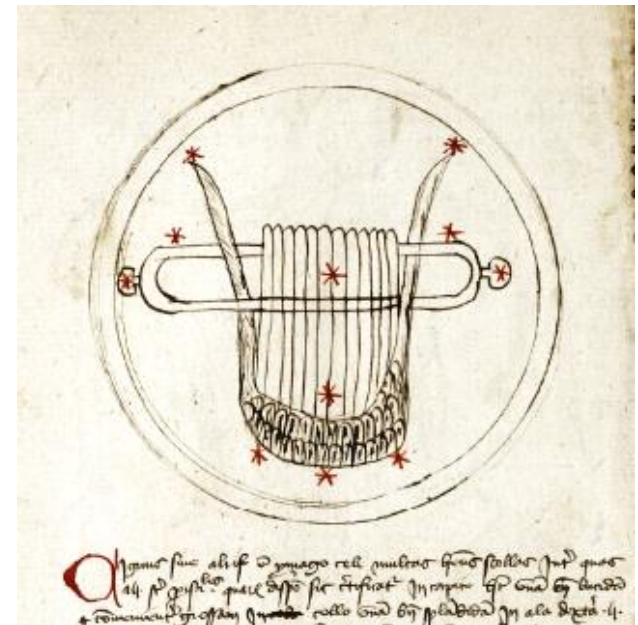
Nürnberg, Germanisches Nationalmus.
Ms 7082

Venice: Ratdolt, 1482

Bartolommeo da Parma

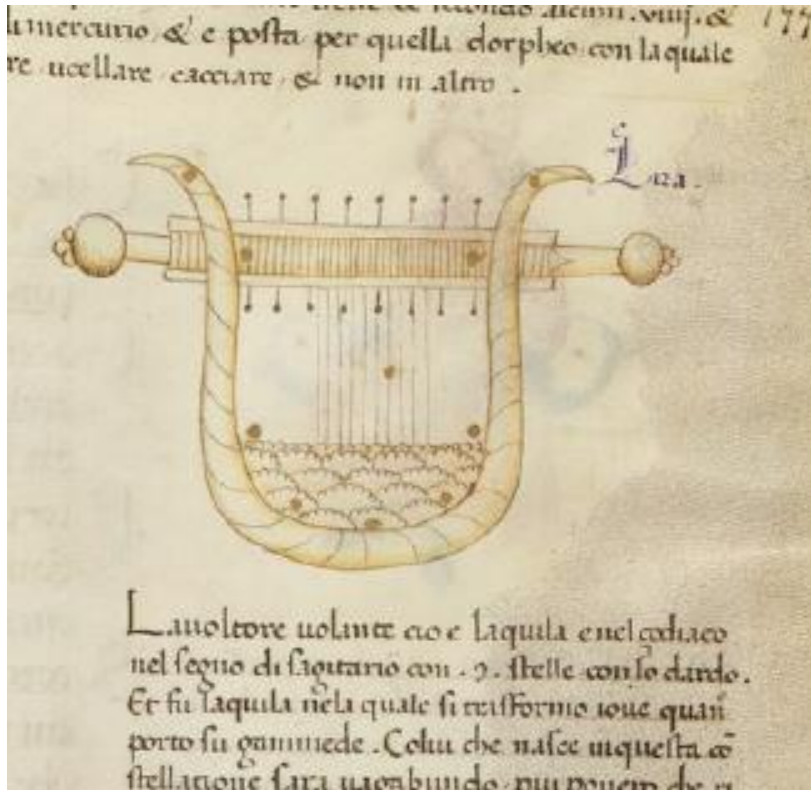


Cambridge, Emmanuel College
Ms 70
n.b. – U-shaped with horns, scales at
bottom and oval crossbar



Metz, Bibl mun
Ms 287
n.b. – similar

Fazio degli Uberti



Paris, BN,
Ital 81

n.b. – U-shaped with twisted horns, 'cloudy' bottom, tuning pegs

Modena, Bibl Estense
Ital 483 (α. P. 47)

Alfonsine Tables (John Killingworth update)

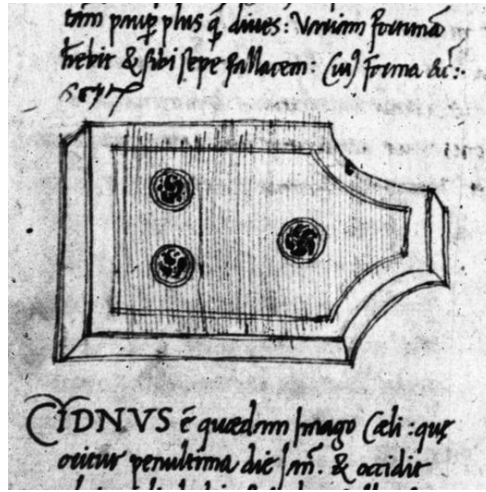


London, BL

Arundel Ms 66

n.b. – U-shaped with horns, scalloped bottom, oval crossbar

Stellacio aliove sive aliove et est vultur cadens et est testudo vel
 lira



St Gallen, Vadianische Libr
 Ms 427
 n.b. – pig-snout psaltery

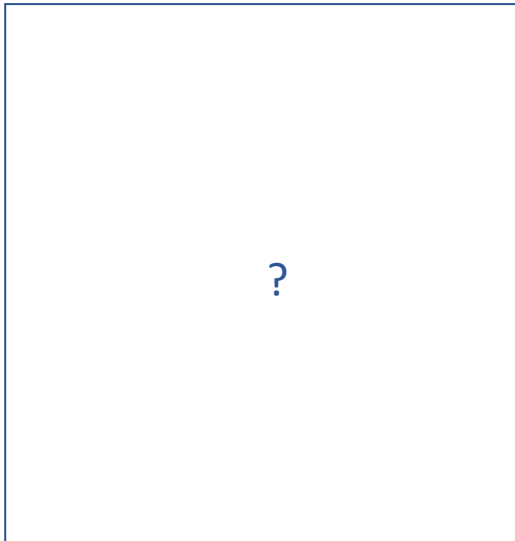
Florence, Bibl. Riccardiana
 Ms 3011
 n.b. – same

Madrid, BN
 Ms 9267
 n.b. – same

Michael Scot - derived

Ludovicus de Angulo

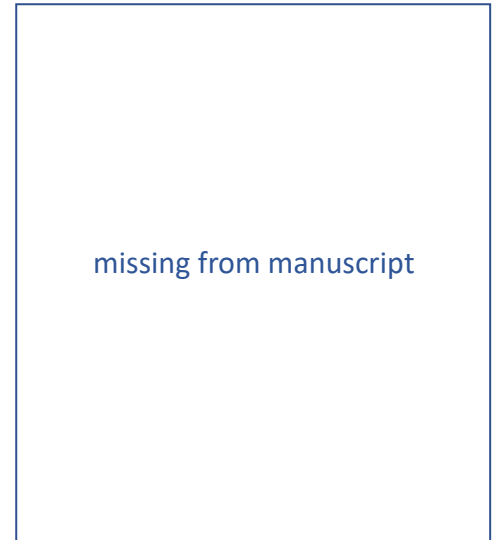
Lyra



Paris BN
Lat 6561



Paris BN
Fr 612
n.b. – psaltery



Paris BN
Lat 7344



Hague
Ms 72.A.83
n.b. – U-shaped on square base



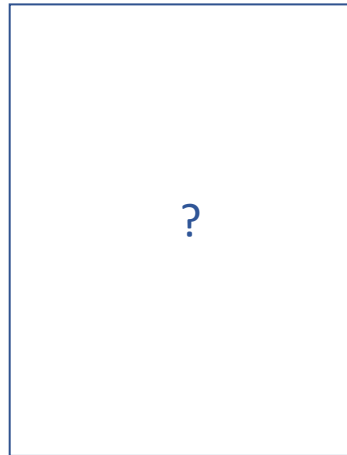
Hague
Ms 128 C
same



Paris, BN
Lat 8865
n.b. – similar, but less detailed



Chantilly, Petit Château
Ms 724 (1596)
n.b. – similar



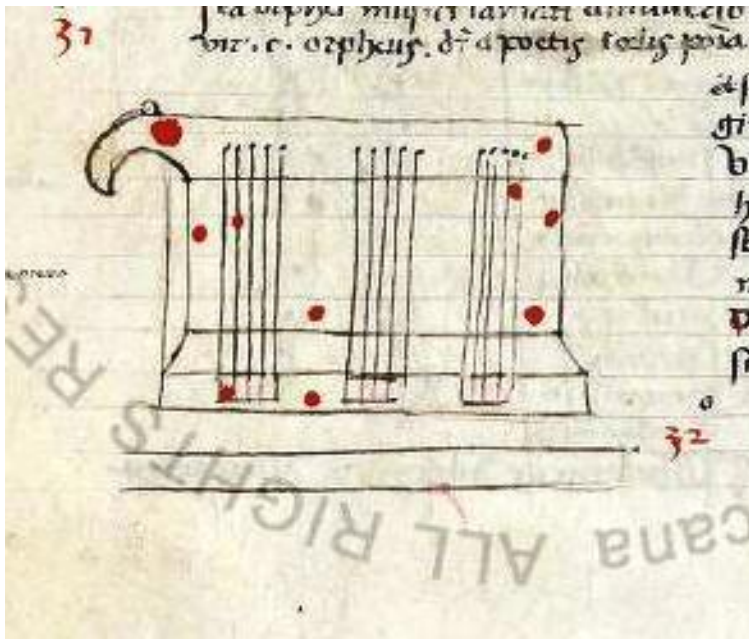
Leiden, Univ-bibl
Ms 1° 31



Ghent
Ms 92
n.b. – same



Wolfenbüttel, WDB,
Ms Gud lat 1
n.b. – same



Vatican BAV
Val Lat 3121

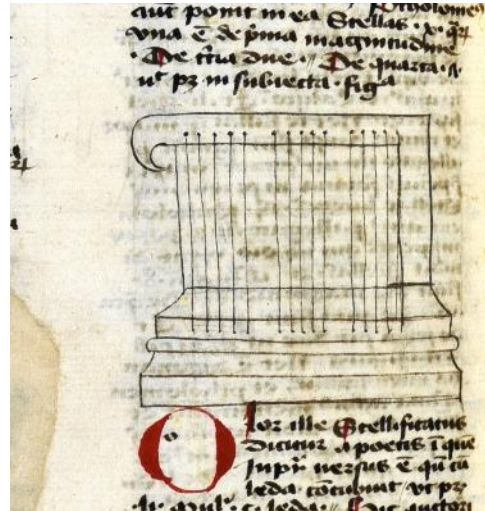
n.b. – low rectangular box, with upright at back and curled top bar (cf: Hyginus, Vat lat 3110)



Madrid, BN
Ms 1983

n.b. – same

missing from manuscript



Florence, Bibl. Laurenziana
Aedil 170
n.b. – same

missing from manuscript

Fermo, Bibl. Com.
Ms 4

London, Lambeth Palace
Ms 35

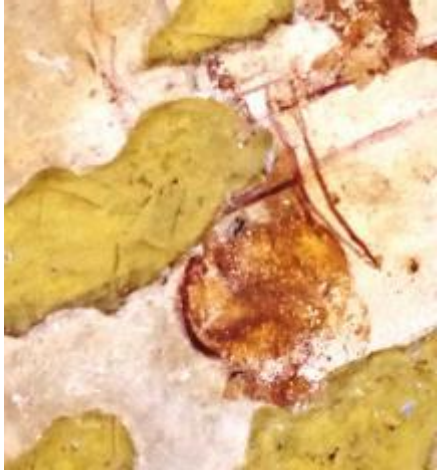


Florence, Bibl Laurenziana
Plut 40 53
n.b. – as a lira di braccia

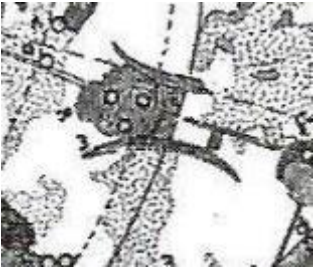


detail from planisphere
n.b. – as a lira di braccia

Qasr ʿAmra



Lyra



cf. Beer 1932, p. 299 (reversed)

n.b. – round shell flanked by long horns and cross bar at top



Florence, Mus delle Scienze, no. 2712
dated 1025 AD
n.b. – U-shaped with short horns

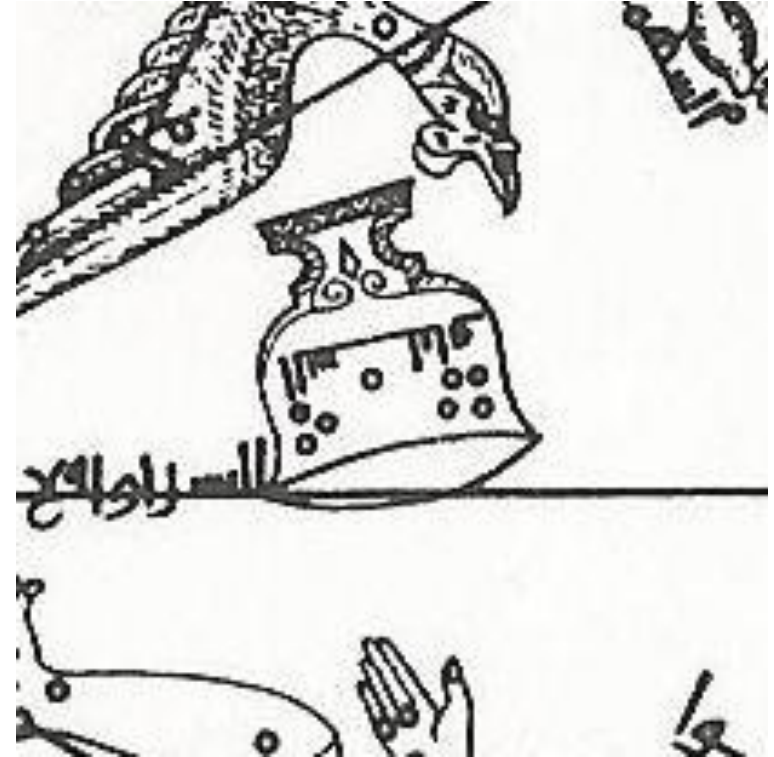


Paris globe GA 325
n.b. – similar, with curled ends at top



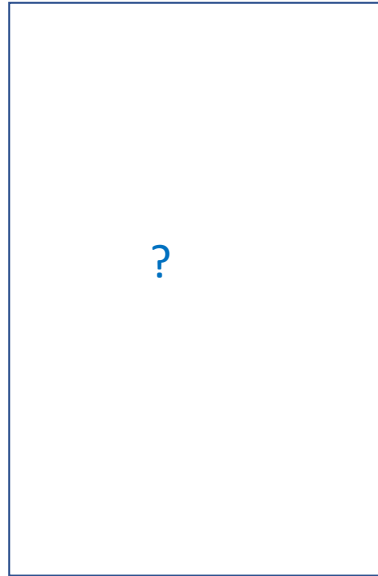
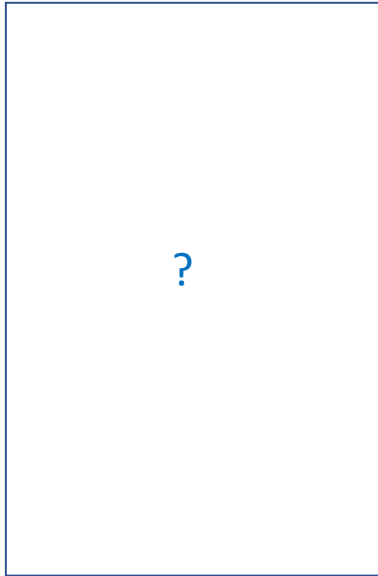
Smithsonian Mus, no 72-3085

n.b. – resembling a crown (acc. to Savage Smith 1985, p. 146, though labelled as: shulyāq (tortoise))



BM – Malcolm globe

n.b. – as a cup



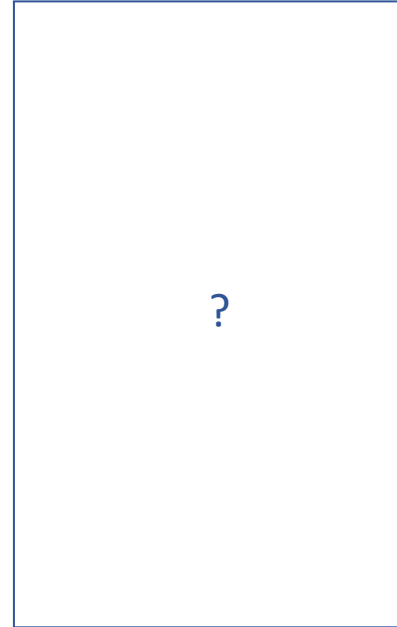
Istanbul, Topkapī Sarayī
Ahmet II 3493
1130-31 AD, Mayyafariqin, SE Turkey

Oxford, Bodleian Library
Huntington Ms 212
1170/71 AD; Mosul

n.b. – as a vase or urn with a curled lip and a raised foot



Oxford, Bodleian Libr
Ms Marsh 144
dated 1009-1010 AD /probl. late 12th C AD; Shiraz (?), Iran
n.b. – as a vase or urn outline with curled lip/handles and a raised foot



Berlin, Staatsbibl.
Ms qu or 704
c. 1203

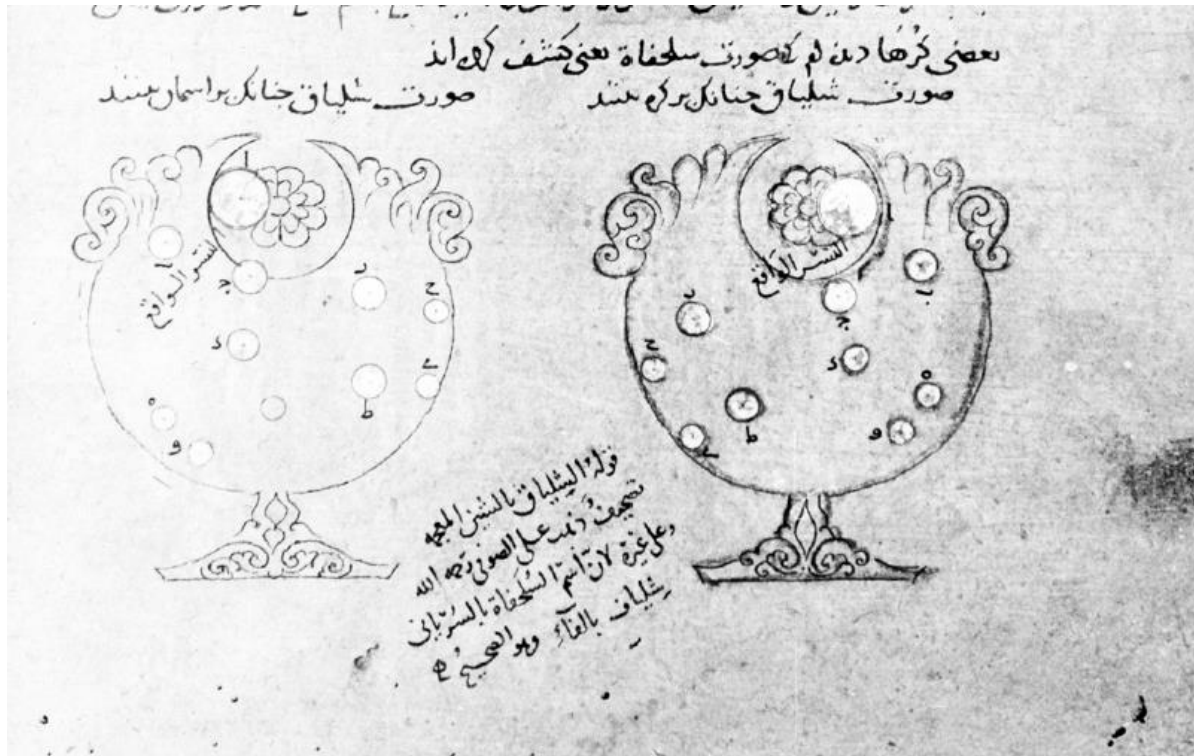




Vatican, BAV
Ross 1033
1224 AD, Ceuta (?) N Africa
n.B – a plant with three leaves

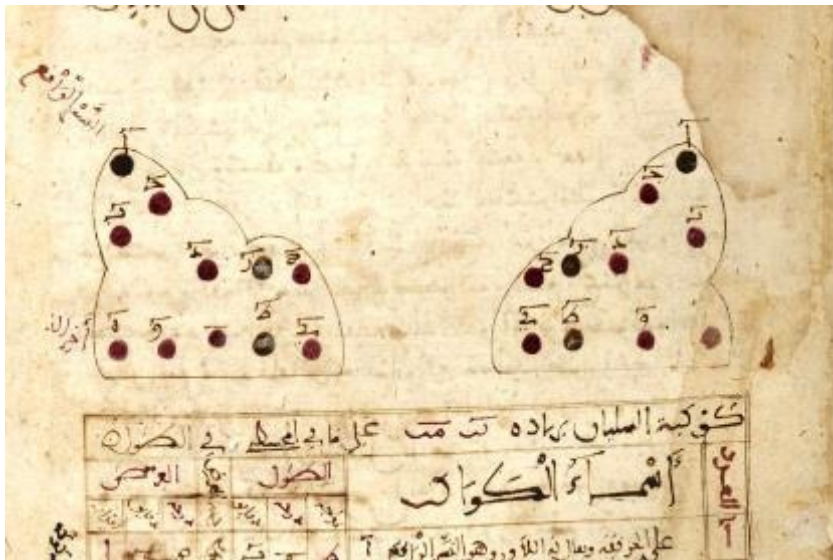


Berlin, Staatsbibl.
Landberg 71
Aug/Sept 1233; Mosul
n.b. – a cup-shaped urn or vase on a raised foot

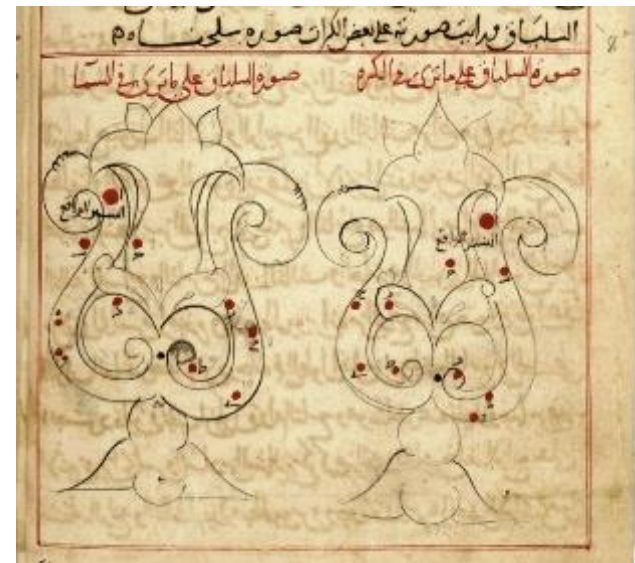


Istanbul, Suleymanie Libr
Ayasofia 2595
1249-50 AD; Alamut (?) Iran

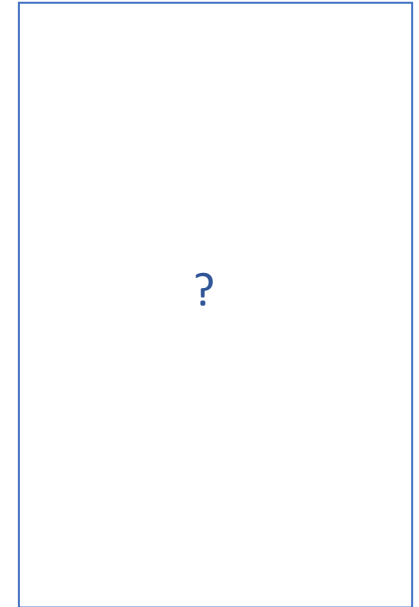
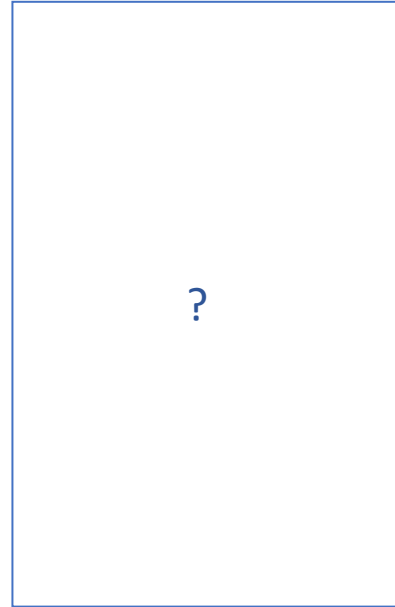
n.b. – circular object with a decorative top edge on a raised foot



Paris BN
Arabe 2488
mid-13th C, Ceuta (?) N Africa
n.b. – triangular mounds



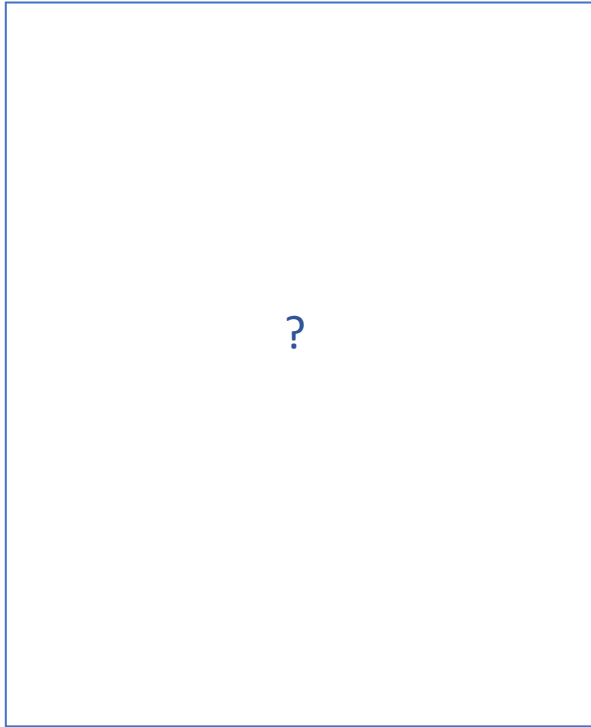
Paris BN
Arabe 2489
1266-67 AD; Syria?
n.b. – ornate, floral vases or urn on a raised foot



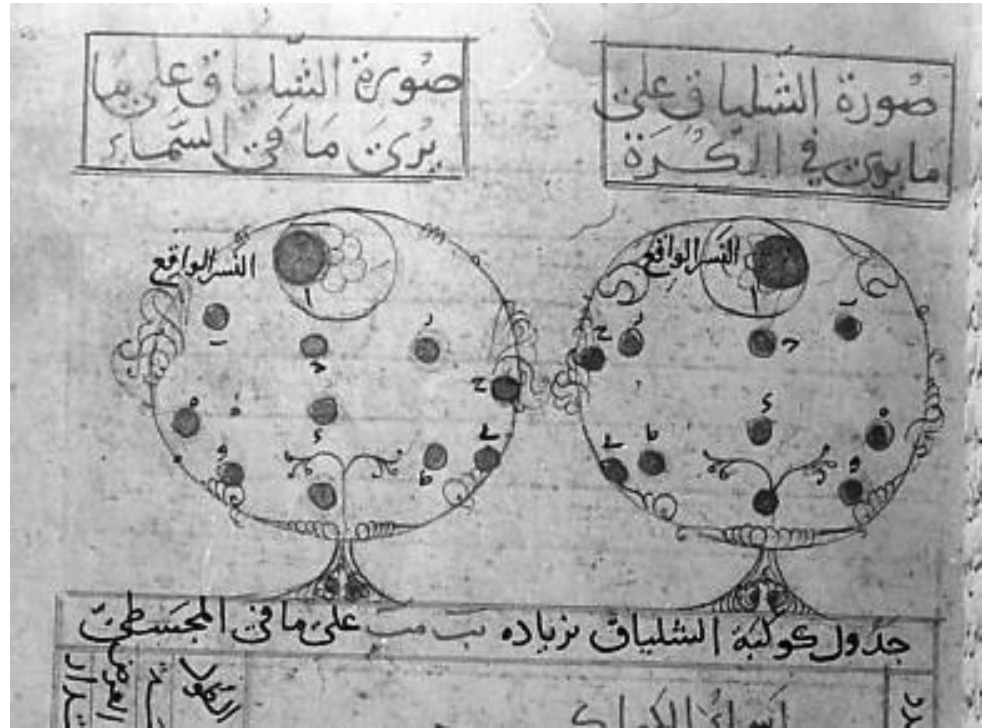
London BL
Or 5323
1260-80; Maragha (?), NW Iran
n.b. – cup-shaped vessel on a raised foot

Cairo, National Libr
Ms Dar al-Kutub miqāt 390
1300 AD

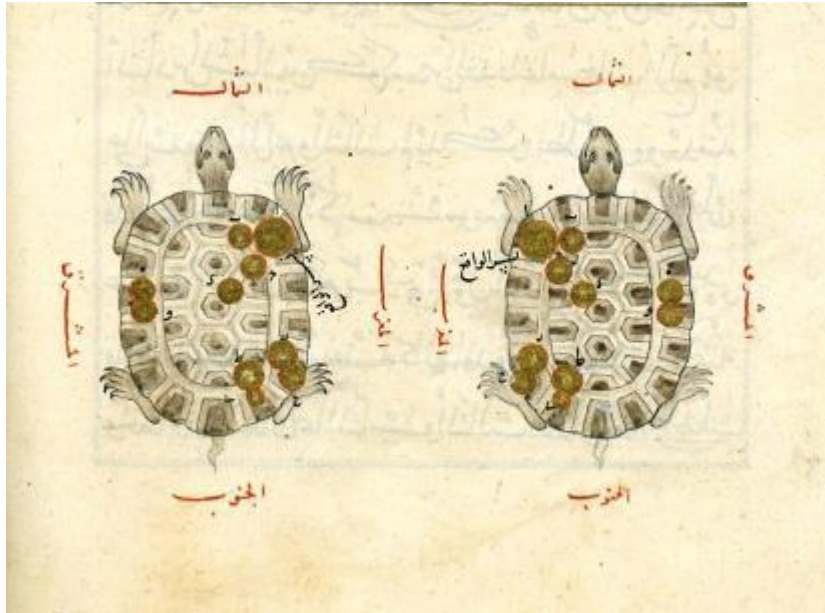
Oxford, Bodleian Libr
Pococke 257
1303/04; Aleppo



Escorial
Ms 915
20 March 1364 AD



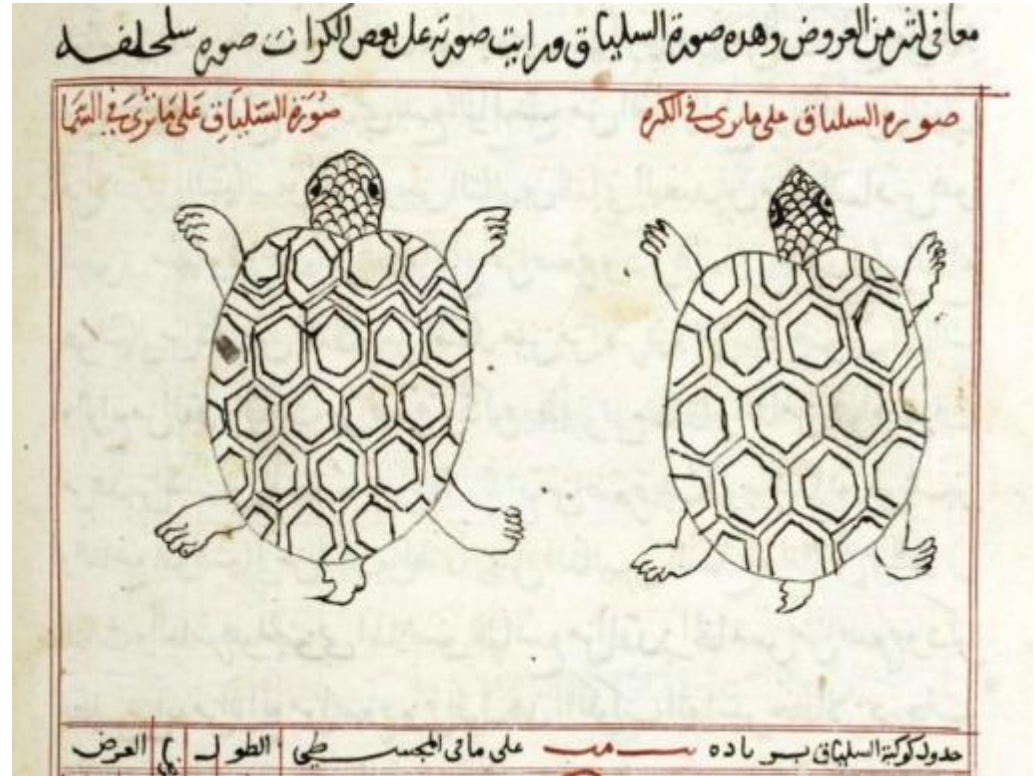
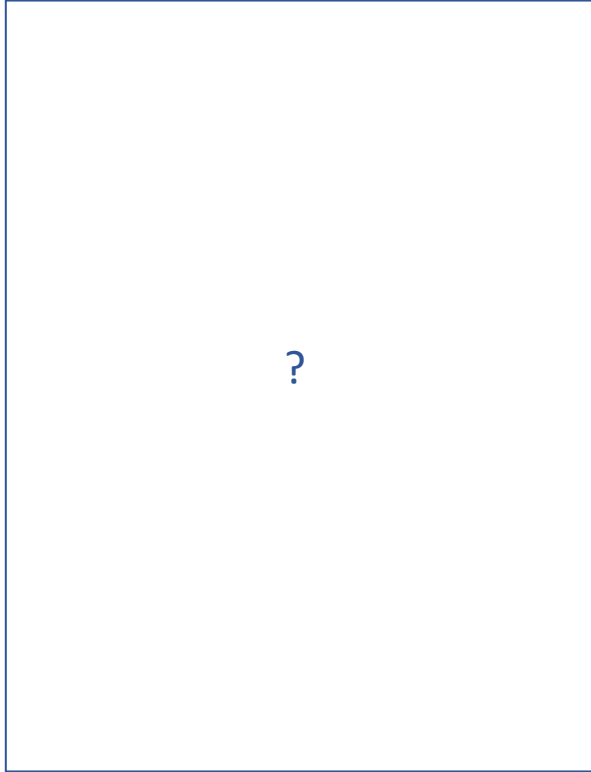
NY, Metropolitan Mus
Ms 13.160-10 (Rogers Fund 1913)
c. 1400, Samarkand
n.b. – a circular object on a raised foot



Paris BN
Ms arabe 5036
c. 1430-40, Samarkand
n.b. – as a turtle

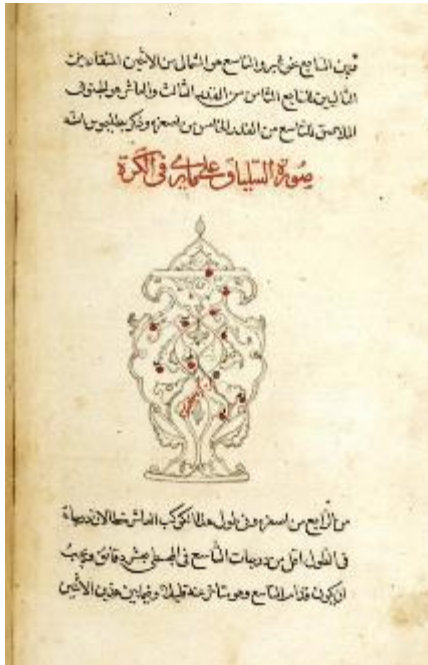


Bologna, Bibl. Univ
Ms 2953
8 Oct 1500 AD



Dublin, Chester Beatty Libr
Ms Ar 4119
1504/05 AD

Paris BN
Arabe 2490
1516/17 AD
n.b. – as a turtle with paws



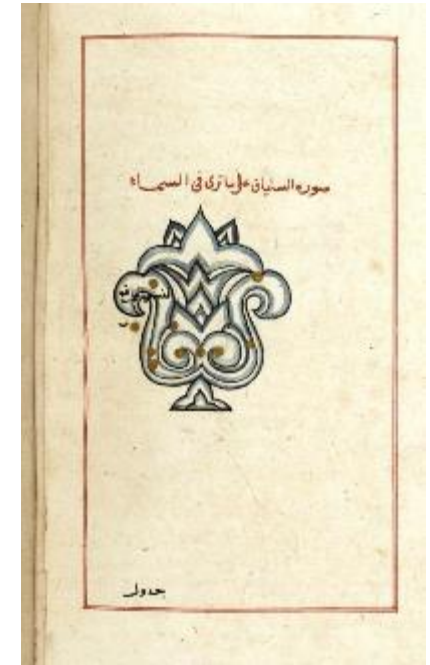
Paris BN
Arabe 2491
1770 AD

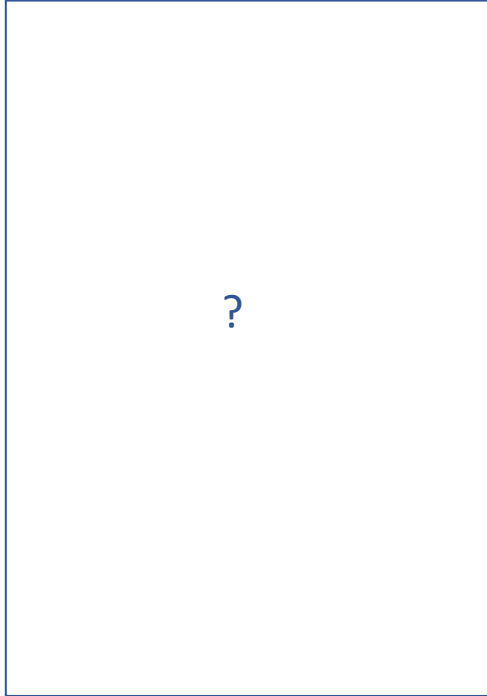
n.b. – as a decorated urn or vase with a foot and a cover



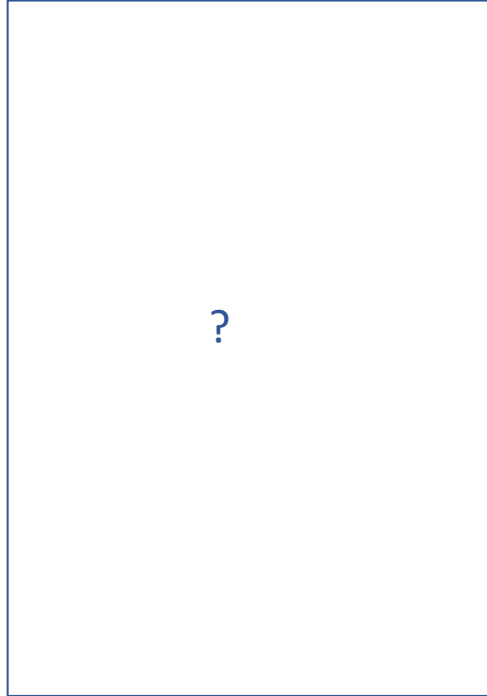
Paris BN
Arabe 2492
18th C

n.b. – abstract urn/floral shape

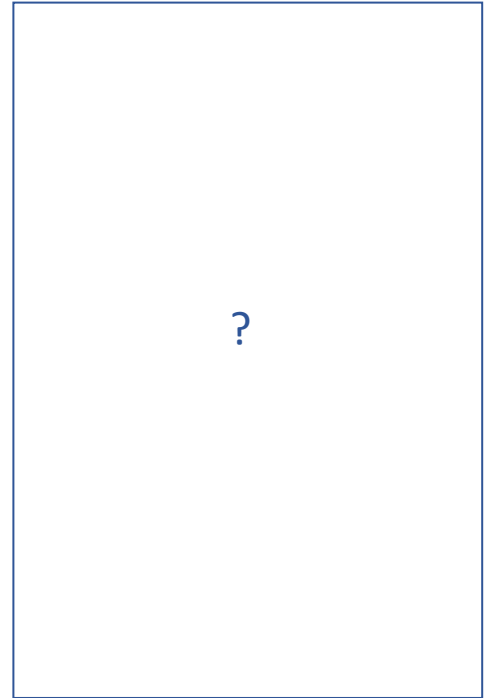




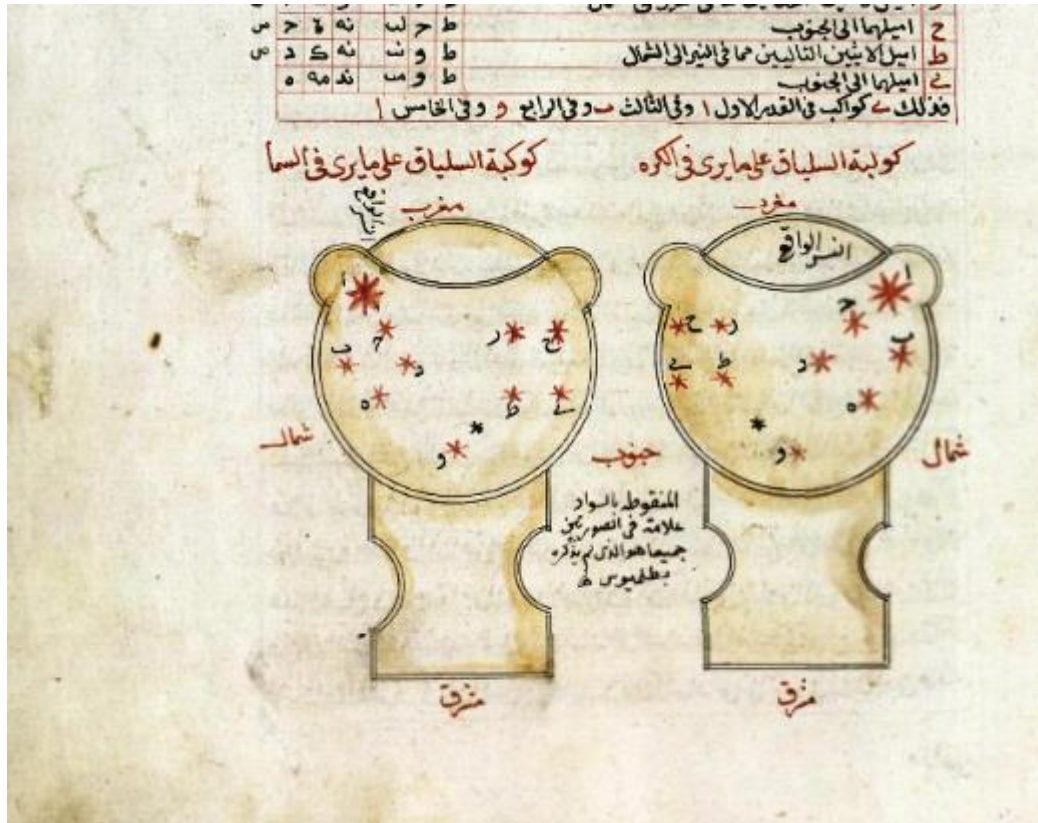
Dublin, Chester Beatty Libr
Ms Ar 4222
16th C; Iran



London BL
Add ms 7488
16th C



Istanbul, Pertter Pasa Libr
Ms 375
16th C



Copenhagen, Kong. Bibl.

Ms arabe 83

25 May 1602 AD; Medina; copied from copy dated 1013/14

AD believed to be al-Sufi's own copy

n.b. – circular shape with 'ears', set on a raised foot



St Petersburg, Inst Or Studs

Ms n.s. 191

16th C; Istanbul ?

n.b. – outline of a urn/vase on a raised foot with a cover

Princeton, Univ Libr

Ms Garrett 2259 Yehuda

al-Sufi, dated 3 Jan 1607

n.b. – decorative floral motif



Paris BN

Arabe 6528

India, 1643-44

n.b. – outline of a pot-shape with handles and a floral knob (?)



New York, Met Museum of Art
Ms 1975.192.2
attr. Iran (?), 18th C
n.b. – vase on a raised foot

non-Latin Eastern mss – al-Sufi translations, etc.

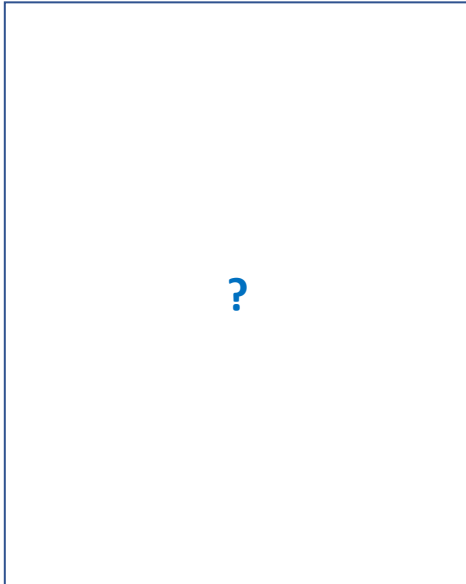
Lyra



al-Sufi, at-Tusi transl???



Tehran, Riza 'Abbasi Libr
Ms M. 570
Ibn-al-Sufi (son)
1159-60 AD



St Petersburg, Ms E (?)
Qazwini

Baltimore, Walters Art Gall
Ms W 359
Qazwini –
n.b. – a shield-shaped object



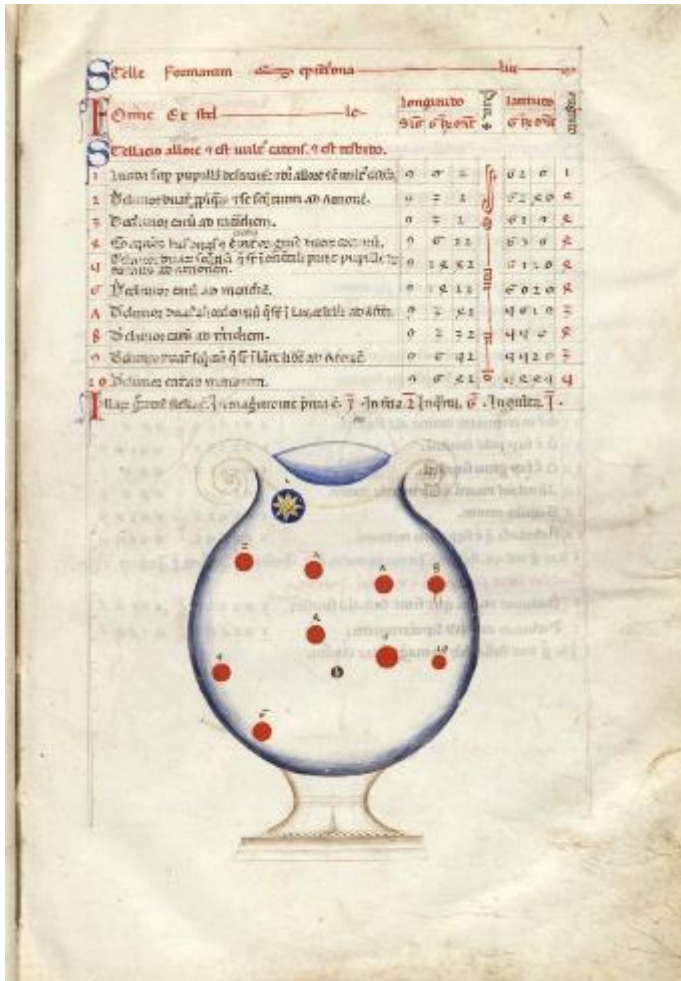
Paris BN
Arabe 2178
1762-63 AD –
n.b. – similar, concept, different shape



Washington DC, Freer
Ms 1954 -52 (ex-Sarre)
Qazwini
n.b. – tri-lobe floral shape

Sufi latinus – I

Stellatio allore et est vultur cadens et est testudo



Paris, Bibl Arsenal

Ms 1036

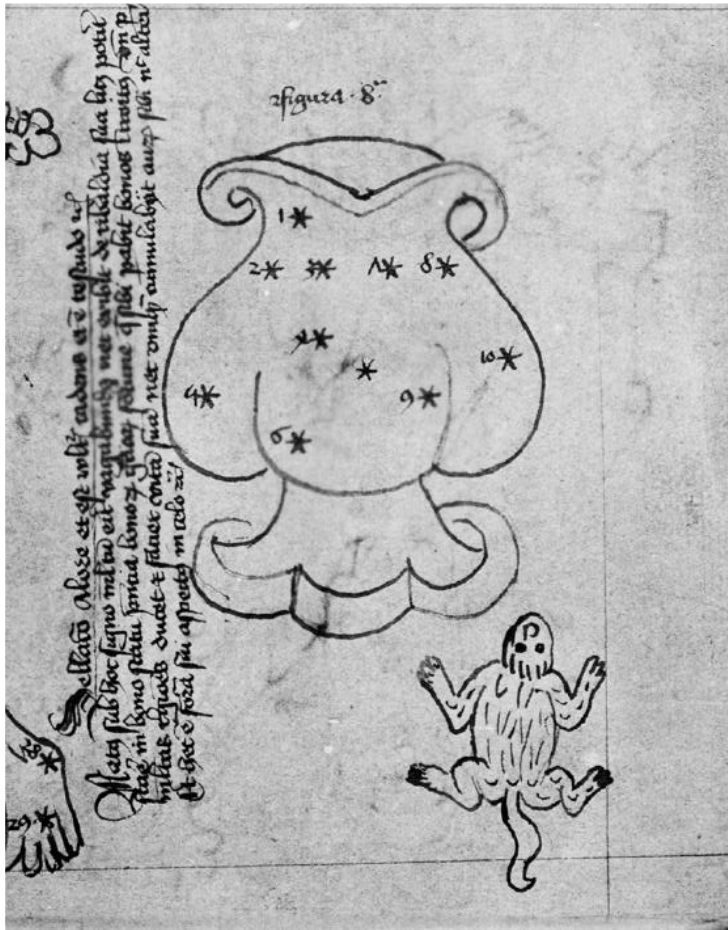
n.b. – round-bellied urn/vase with a curled rim on a raised foot



Munich, Staatsbibl
Clm 826
same

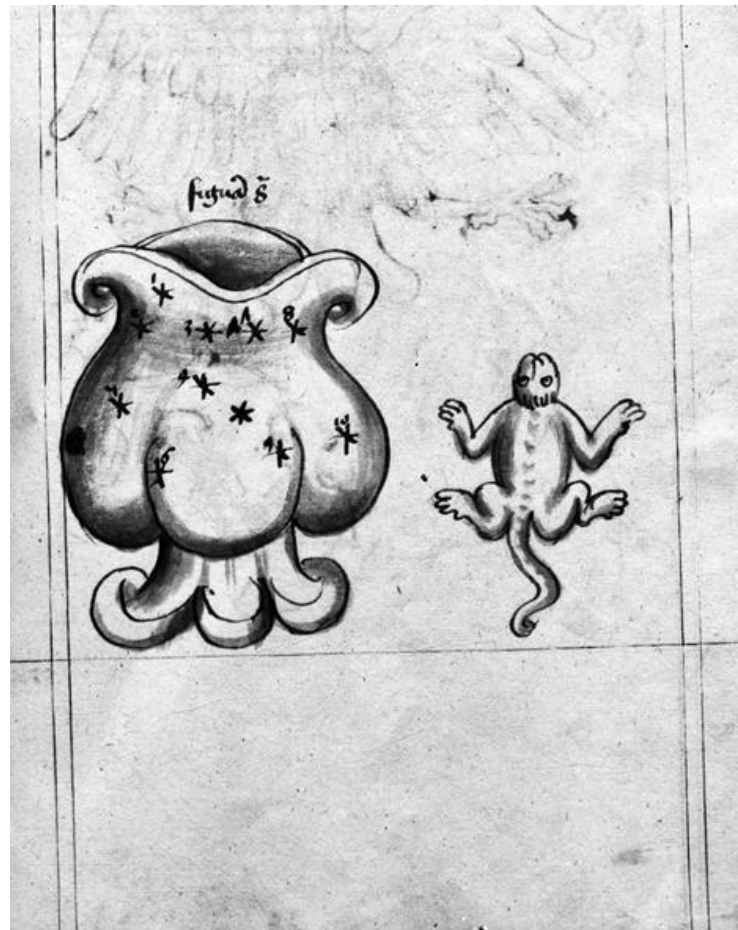


Gotha, Forshungsbibl
Membr II 141
same



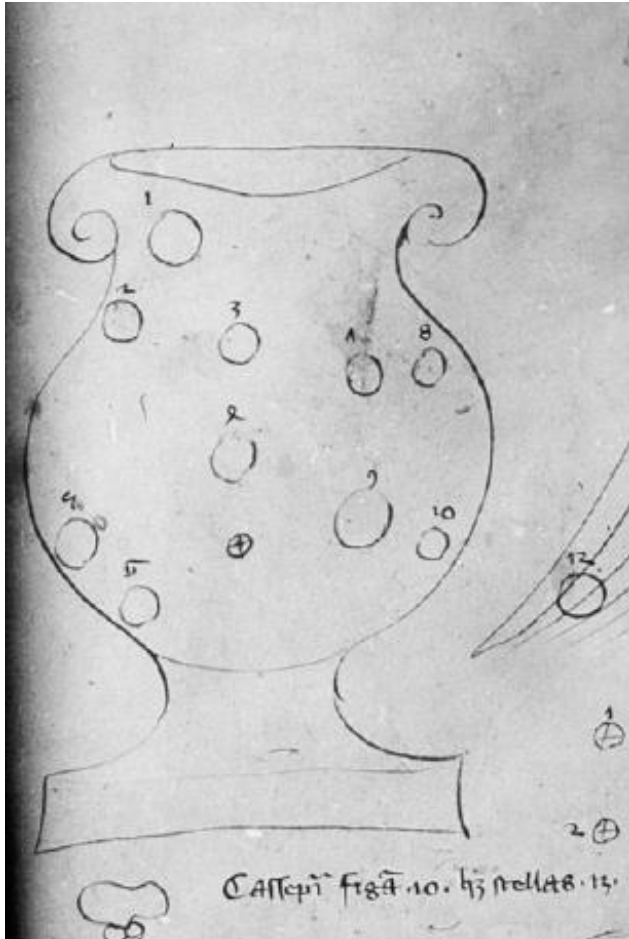
Catania, Bibl Univ
Ms Univ Ar, 387

n.b. – twice – one as a vase and one as a rat-like ‘turtle’



Vienna, ONB
Cod 5318

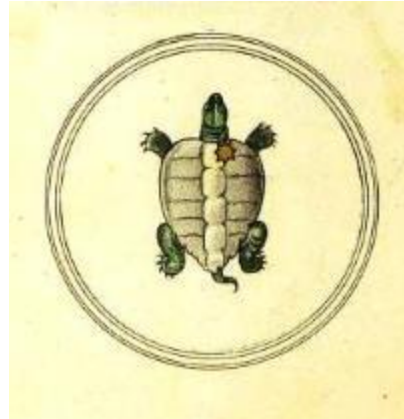
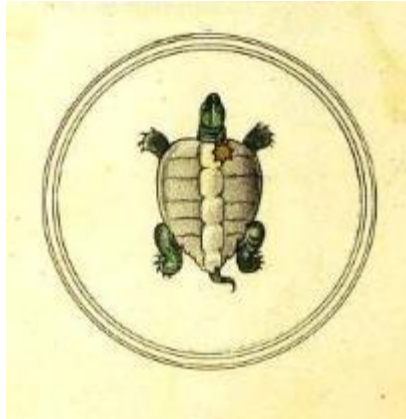
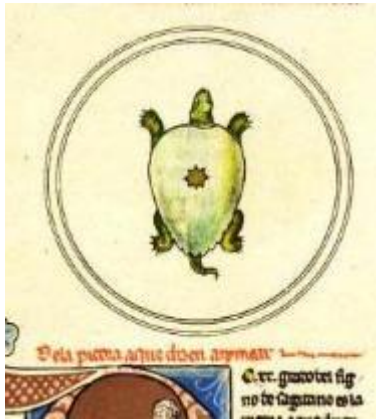
same



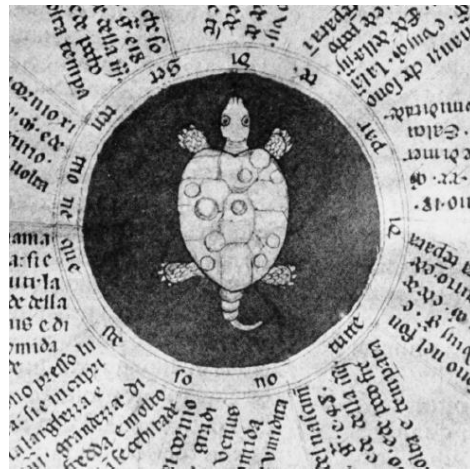
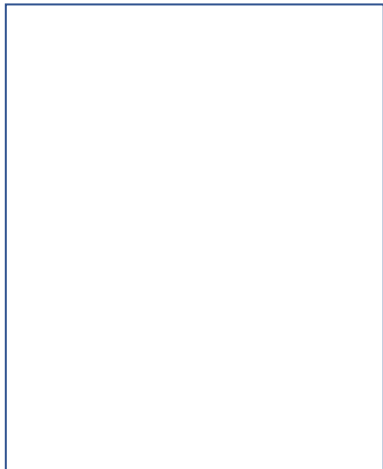
Bernkastel-Kues, Nicolaus hosp.

Ms 207

n.b. – urn/vase with curled lip and raised foot



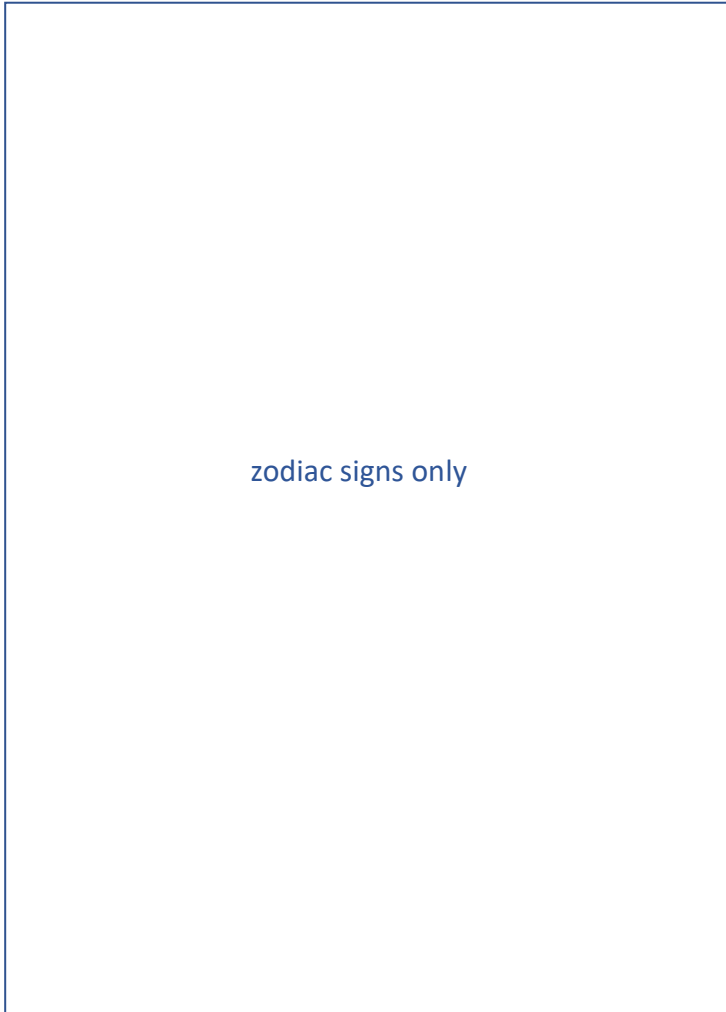
El Escorial
Ms h 115 – turtle



Vatican BAV
Vat lat 8174
Testuggine ... in latino testudo e in arabico
asulyaca alzul haffech alzaia, e in Greco allor



Los Angeles, Getty Mus
Ms Ludwig XII, 7
Ista figura vocat testudo et in arabico alsulyaca et
in Greco allora



Oxford, Bodleian Library
Can. misc. 27 (zodiac only)

New York, Morgan Pierpont Library
Ms 355 (zodiac only)

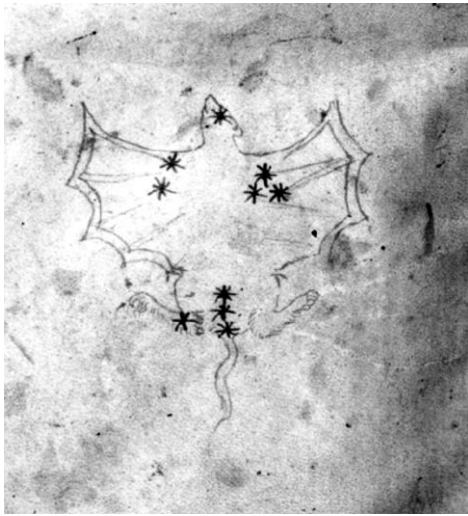


Oxford, Bodleian Libr

Rawl C 117

n.b. – as a bat

Stellacio allore et est vultur cadens et est testudo



Vatican, BAV
Urb lat 1399
n.b – as a bat
Vukltur cadens (tortuca)



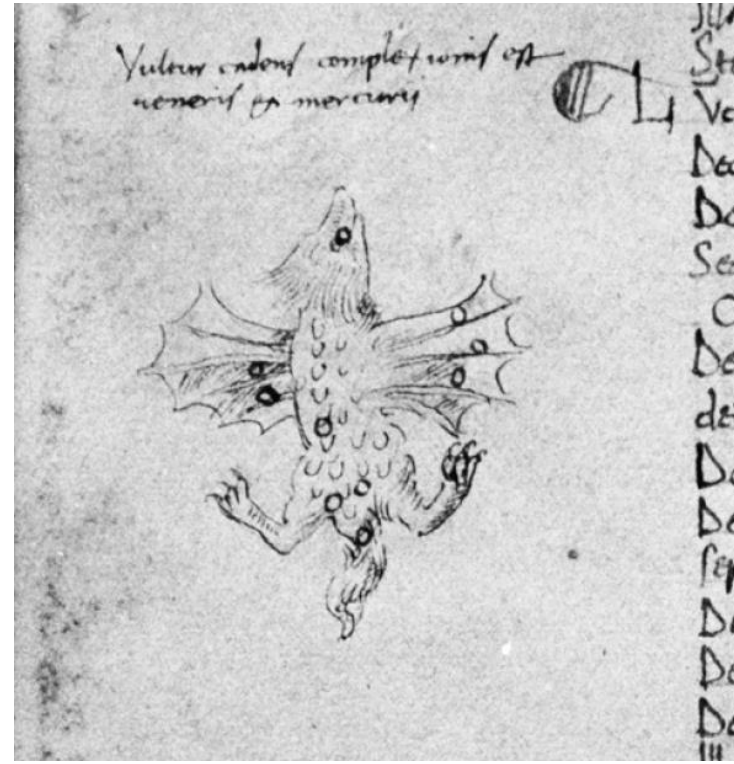
Oxford, Bodleian Library
Can misc 554
n.B – same



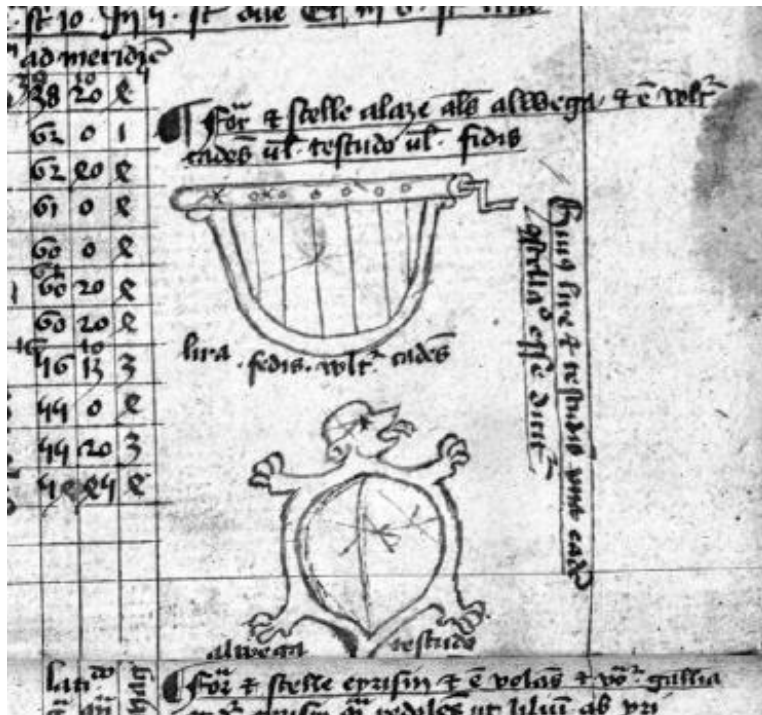
pecking bird as possible 'vulture cadens'



Bergamo, Bibl A Mai
Ms Σ II 2
n.b. – dragon/bat
Stellatio allore et est vulture cadens



Vatican, BAV
Vat lat 3099
same
Stellatio allore et est vultur cadens et est testudo



Brussels, Bib Roy

Ms 10117-26

n.b. – twice – lyra and bad with ‘shell’ in tummy

Forma et stelle alaze aleris allbega et est vultur cadens vel testudo vel fides

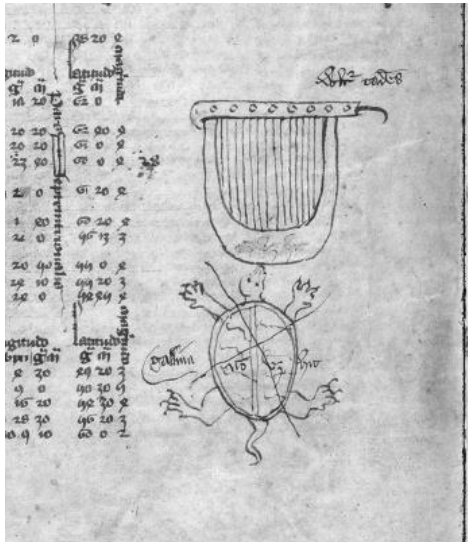


Vatican BAV

Pal lat 1368

n.b. – three times – vulture cadens, lyre and turtle with long tail

Lira vel vultur ... stellatio vultur cadens et est aliore



Vatican BAV
Pal lat 1377

n.b. – two images – as lyre and as turtle (labelled gallina and crossed out)

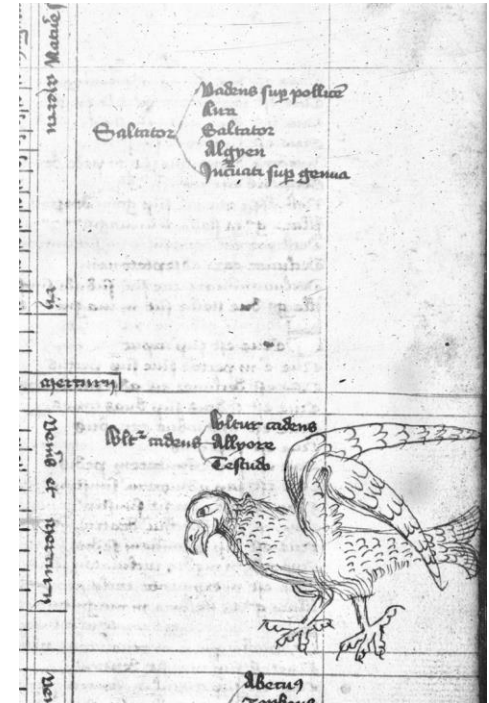
Forma et stelle alore et est vulture cadens et est testudo
label = vultur cadens



Torun
Ms 35

n.b. – the man playing a lyre seems to be 'Saltator sive incurvate super genua' (= Hercules); and the bird is Lyra as vultur cadens

But the label lists 'Lira' amongst the names for Saltator; the text for the bird is : stellatio allyore et est vulture cadens et est testudo; labels for the bird read: vultur cadens, allyore, testudo





?

Augsburg, Univ-bibl.
Cod II 1.2o 110



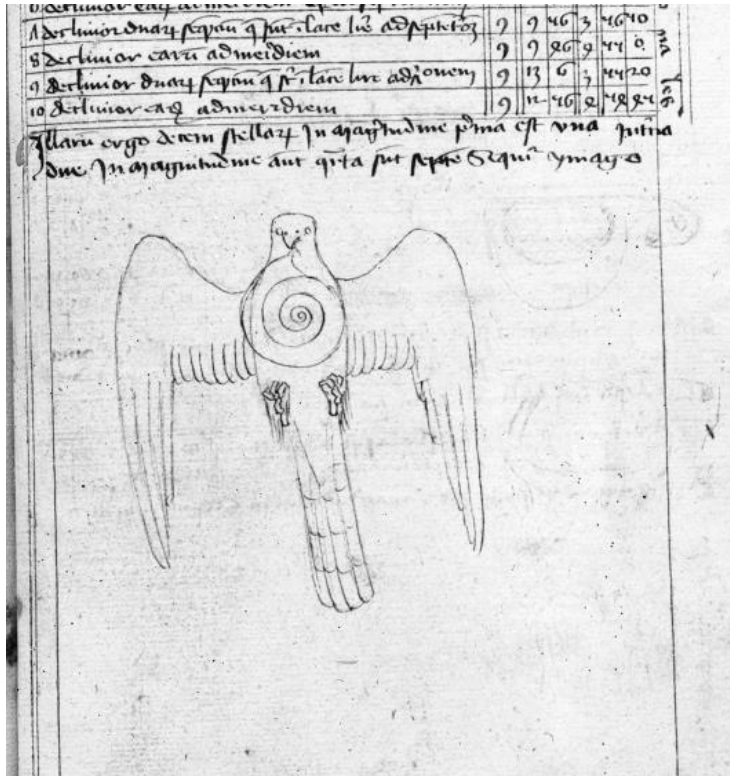
Cambridge MA
Houghton, Typ 43

n.b. – as combination between
lyre and vas with curled lip and
set on a raised foot

Basle, Univ-Bib
Ms F. II. 33

n.b. – as smiling, scaly dragon/turtle
labelled: vultur cadens

Florence, BNC,
Ms Angeli 1147
n.b. – as an eagle
labelled: vultur cadens; lyra



Vienna ONB
Vienna 5415

n.b. – as a bird with a curl coming from its mouth
Stellatio allore et est vulture cadens etiam dicitur testudo,
tortuca, alanznach alnega, vexillum, wega, tympanum,
valco

Vienna ONB 5415
northern hemisphere
as a bird with lyre-shaped wings



Phildelphia, U Penn
 Ms LJS 57
 n.b. – as vultur cadens



northern hemisphere
 n.b. – as quatrefoil above back of Leo ?



Vienna, ONB
 Hebrew 132



?



missing from manuscript



missing from manuscript

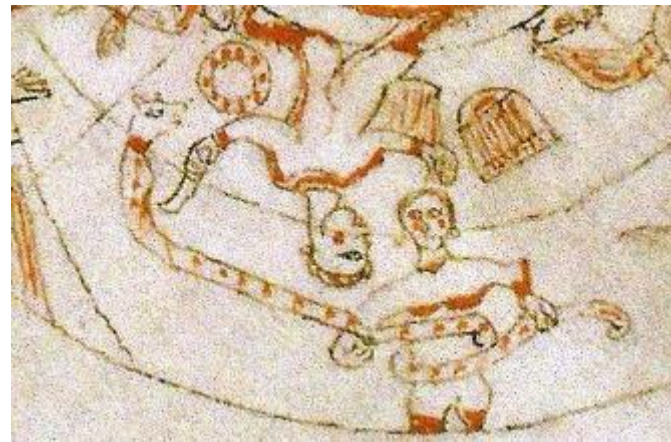
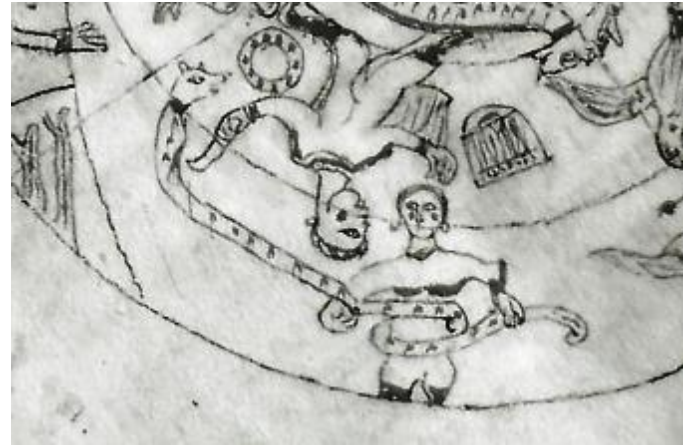
Padua, Univ . Bibl.
Cod 896

Vatican BAV
Urb lat 355

Vatican BAV
Vat lat 1650



Bernkastel-Kues
St Nicholas-Hospital
Ms 212 (hemispheres)
n.b. – as lyre with base



Darmstadt, , Univ- and Landesbibl.
Ms 1020
northern hemisphere
n.b. – as lyre



Cusanus globe
© Petr Hadrava
n.b. – as lap harp



Mantle of Henry II
Regensburg, c. 1020
Bamberg, Domschatz
Cf: RAL mss; O'Connor 2980



Miscellaneous (medieval harp/ lyre)



Lyre-harp
(modern reproduction)



Crwth-harp
(modern reproduction)



Anglo-Saxon lyre
(modern reproduction)



Medieval lap harp
(modern reproduction)



Hurdy-gurdy lute
(modern reproduction)



Citole with plectrum
From Psalter of Robert De Lisle
c. 1310



Lotte (German lyre)
7th-century
(19th C reproduction)



Pere Sera, Madonna and Child
Detail of angel with harp, 15th c
Barcelona. Museo de Arte Catalana



Plucked psaltery – ‘pig-nosed’
(modern production)



Plucked psaltery
(modern production)

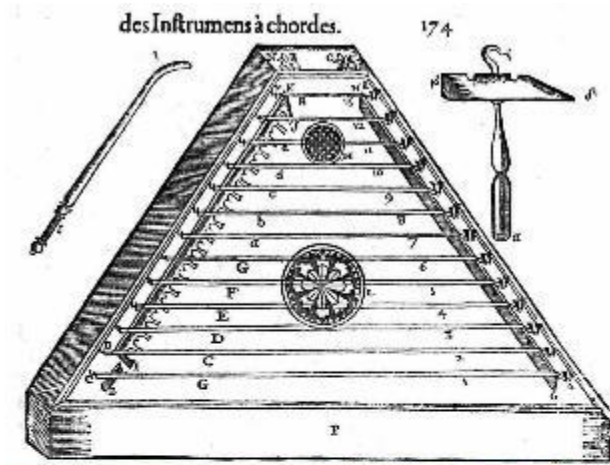


‘Cantigas’ Pasltery



Miscellaneous (dulcimers - struck)

Lyra



source: earlymusicmuse.com



Cambridge, Fitzwilliam Museum



Upper-Rheinish Master,
The Garden of Paradise, c. 1400-20
Frankfurt-am-Main, Städelsche Galerie



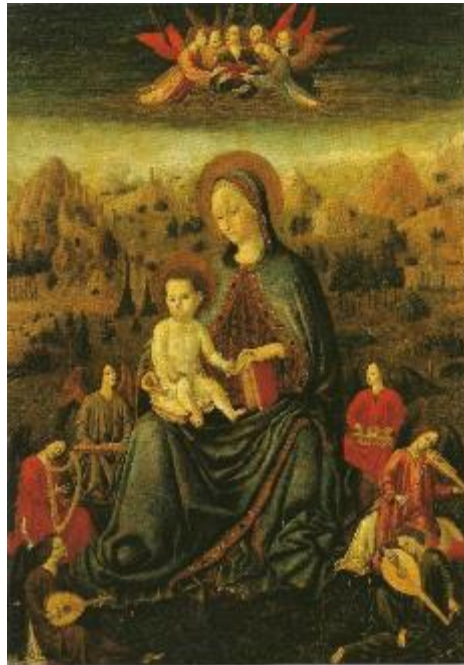
Rome, Capitoline Museums



String instrument players (Cithara? Lyre? Rota?)
Urtecht Psalter, c. 850 AD



Pietro Perugino, *Four Male Figures*
Edinburgh, National Gallery of Art



Benedetto Bembo, *Madonna and Child*
1450-55
La Spezia, Museo Civico Amadeo Lia



Bartolomeo Vivarini
Musical Angel (detail), 1474
Venice, Sta Maria dei Frari