



Herakles with 9-headed Hydra  
Black-figure hydria, attrib. to the Eagle painter, c. 525 BC  
Los Angeles, Getty Museum, inv. 83.AE.346



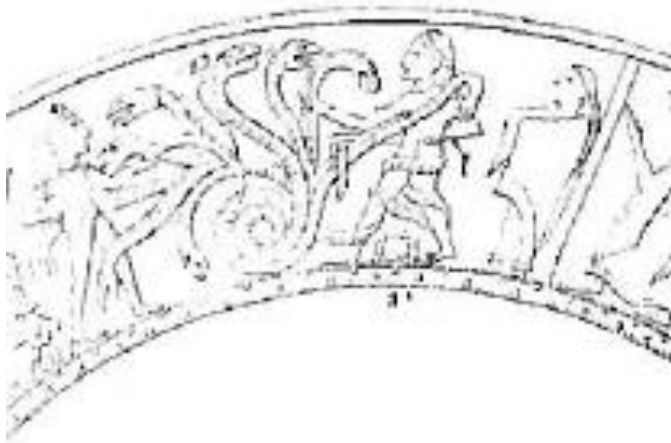
Herakles with multi-headed Hydra  
Athenian, red-figure krater, attr. Kleopades painter, c. 480 BC  
Los Angeles, Getty Museum, inv 84.AE.974  
cf: Wikipedia(Dan Diffendale )



cf: Wikimedia Commons (Wolfgang Sauber)



Herakles with Hydra and ?  
Berlin, Antikensammlungen  
cf: BROMMER 1974, plate 10a



Herakles with Hydra  
current location unknown  
cf: BROMMER 1974, pl. 24b



Herakles , Athena, Iolaos and the Hydra (note also Crab)  
Athenian black-figure lekythos, attrib to the Diosphos Painter, c. 500-480 BC  
Paris, Musée du Louvre (CA 598)



Herakles with Hydra  
Attic red-figure volute Krater  
attrib to the Kleophrased Painter, c. 490 BC  
Los Angeles, Getty Museum (77 AE 11) /cf: www.theoi.com



Hercules and 2-headed Hydra  
Attic black figure lekythos, c. 500 BC  
Berlin (inv. 3261)



Hercules with Hydra  
Black-figure hydria  
Paris, Musée du Louvre  
cf: Flickr (Egisto Sani)



cf. *Ercole, l'eroe, il mito*, ed. De Caro 2001,  
3



Hercules and the Hydra  
Attic Red-figured amphora  
From Athens, c. 500BC  
St Petersburg, Hermitage B. 2351

cf: www. theoi.com



Hercules and the Hydra  
Attic Red-figured oinochoe  
St Petersburg, Hermitage B. 4257



Hercules and Iolaus with Lernean Hydra  
Attic red-figure stamnos, attr. To the Syleus Painter, c. 450-500 BC  
Palermo, Regional Archaeological Museum (V763)  
cf: theoi.com

## Classical images – Greek



## Hydra



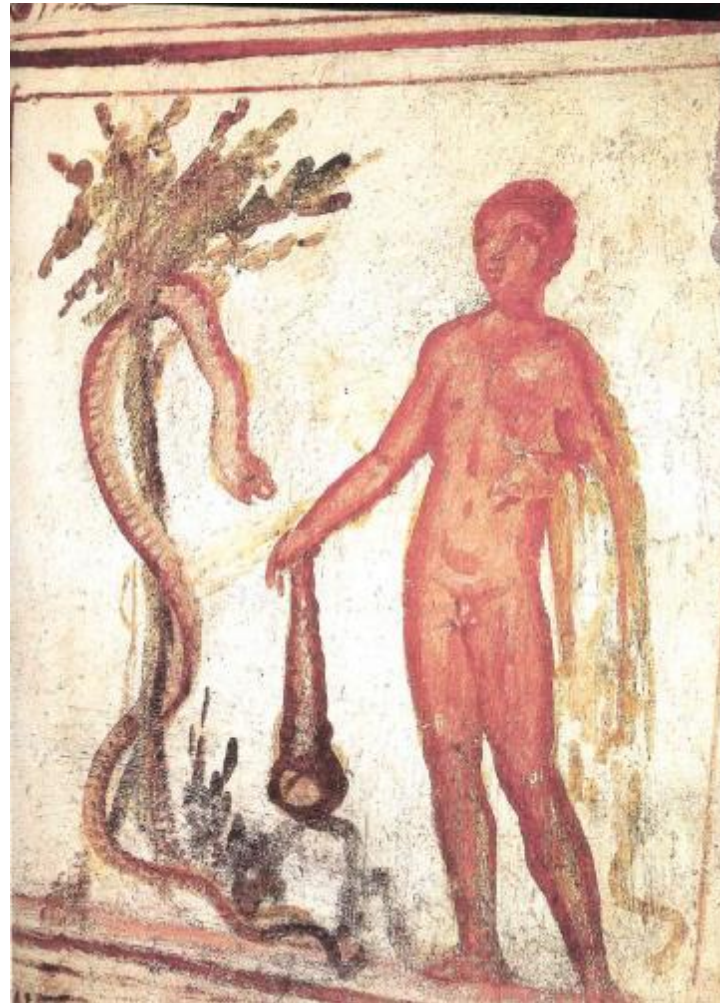
Head of a snake  
Rome, Capitoline Museums

Hercules with Lernean Hydra  
170-180 ap. J.-C.  
Saint-Paul-Les-Romans, Villa des Mingauds, Drôme  
980.1.1  
cf:Paul Veysseyre.

Hercules with Lernean Hydra  
Mosaic, 3rd C AD  
Madrid, Museo Arqueologico  
cf: [www.theoi.com](http://www.theoi.com)



Hercules in the Garden of Hesperides  
fresco, from Herculaneum  
Naples, Archaeological Museum



Hercules in the Garden  
From the hypogeum, 4th C AD  
Rome, Via Latina  
cf: L'ORANGE, *Roman Empire*





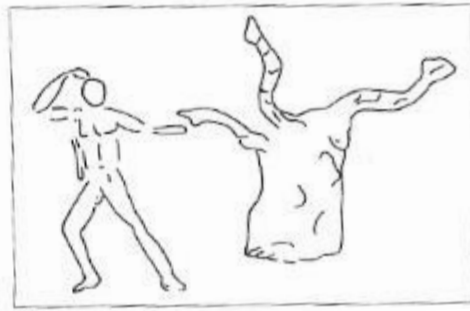
Hercules and Hydra  
Terracotta oil lamp  
Aquileia



Rome, Palazzo Massimo



Hercules and the Hydra  
Glass, c. 1st C BC – 79 AD, from Vesuvian area  
Naples, Museo Archeologico  
cf. *Hercules Domesticus* p. 94



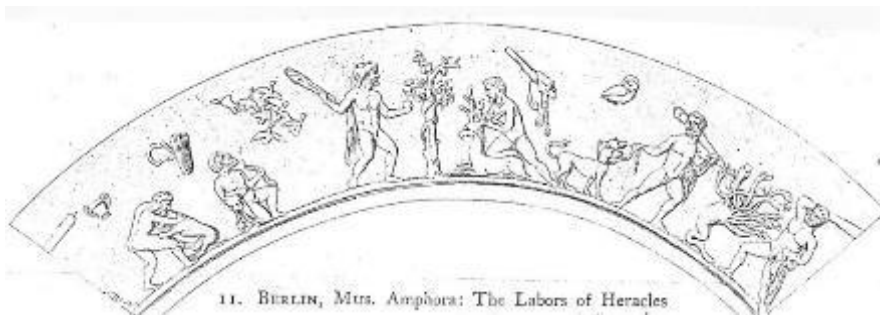
Labours of Hercules  
Copy of a Greek Skyphos  
Augustan, from Pompei  
Naples, Museo archeologico



Hercules in the Garden of Hesperides  
Ceramic moulded lamp, 1st C AD  
London, The British Museum (Ac. 1847.0806.91)



Hercules and Ladon  
Redware plate, late Roman  
Munich Antikensammlungen



The Labours of Hercules – see Hesperides and Hydra  
Amphora  
Berlin,



Hercules in Garden of Hesperides  
bronze, Roman (found at Byblos,) 1st C BC  
London, The British Museum (Ac1805.0703.38)



*A giant bronze serpent with five heads spurted water into the Palaestra's swimming pool, in the form of a Greek cross. Here the serpent is photographed in a portico that bordered the playing field. Though the pool has been only partially excavated, the serpent has been replaced in its original spot.*

Here one recognizes with a certain awe the magnitude of the work thus far accomplished by the patient and dedicated Italian archaeologists—and the magnitude of the work yet to be done.



Herculaneum, piscina of the Palaestra  
Fountain portraying the Hydra of Lerna  
Bronze, first half of the 1st cent. B.C.  
Soprintendenza Archeologica di Pompei, inv. 79242  
cf: Flickr (edie.wolf)



cf: <http://brunelleschi.imss.fi.it>



Detail of Orpheus mosaic (snake in tree)  
Ptolemaios, Libya



sarcophagus  
Berlin, Antikensammlungen



Hercules with Hydra  
Campanian plate  
Vatican, Museo Gregoriano Etrusco



Labours of Hercules  
Florence, Uffizi, inv. 110



Labours of Hercules  
Velletri, 'Oreste Giardini', Museo Civo-Archelologico  
n.b. – Hydra as female figure



Labours of Hercules  
2nd C  
Returned to Turkey March 2017 from depot in Geneva  
n.b. – Hydra as female figure



Hercules and the Hydra (female head)  
From a sarcophagus, 138-192 AD  
London, British Museum  
n.b. – female head on Hydra



Labours of Hercules (Hydra with female head)  
Rome, Baths of Diocletian





Snakes from the *Theriaka* and *Alexipharmaka* of Nicander  
Paris, BN, Cod suppl gr 247  
Constantinople, 10th C

# Classical globes

# Hydra

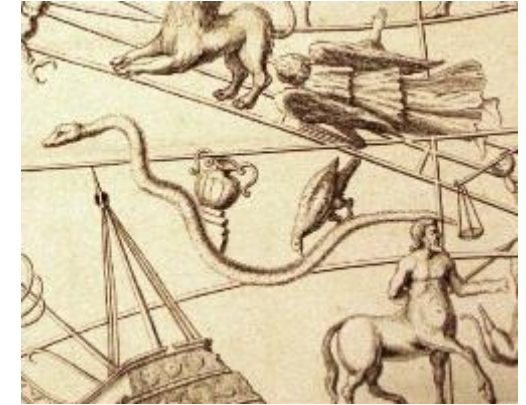


Naples, Farnese Atlas  
© Petr Hadrava

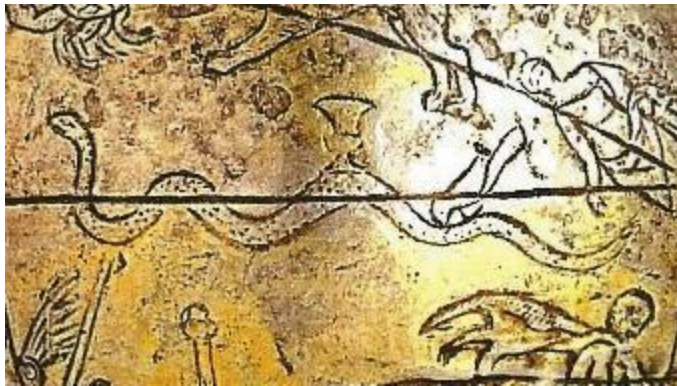
n.b. – raised head of Hydra, Crater with handles and stepped base, Corvus facing forward and pecking



© Petr Hadrava



Bentley's Manilius



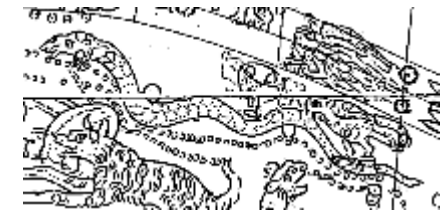
Paris, Kugel Globe

n.b. – Hydra flattish, Crater w/o handles, Corvus facing forward and pecking



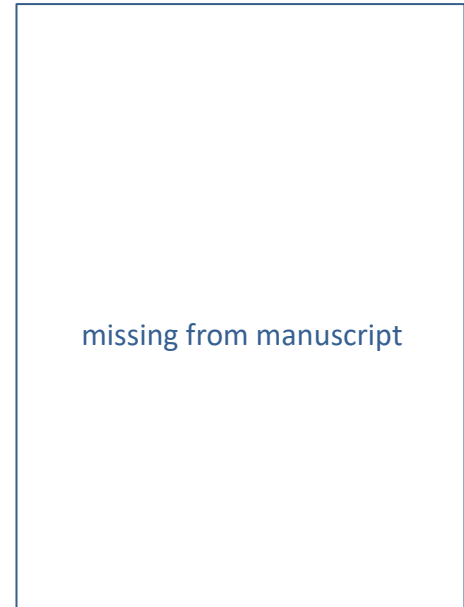
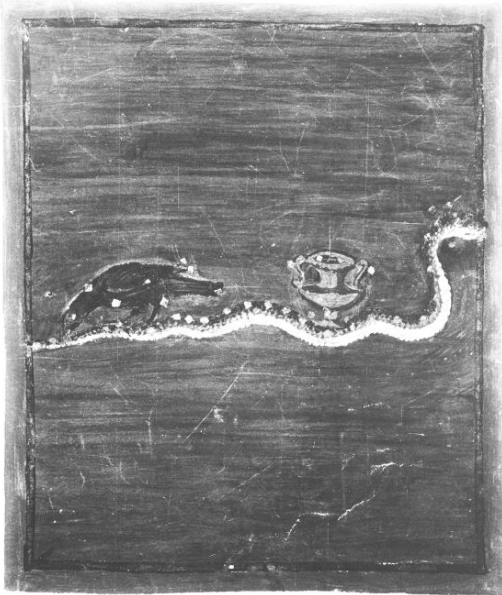
Mainz globe

n.b. – Hydra flattish, Crater = cup with handles, Corvus facing forward and pecking)



(drawing © Kunzl)

l. = z stemma



Leiden, Univbibl  
Voss lat 4° 79  
n.b. – Hydra w/raised head to right,  
Crater with handles, Corvus pecks and  
is facing backwards

Boulogne-sur-Mer, Bibl. Mun.  
Ms 188  
n.b. – similar

Bern, Burgerbibl,  
Ms 88



vs. planisphere  
Hydra head flatter, Crater no handles

vs. planisphere  
same

# Germanicus mss

II and III. = O stemma (O<sup>1</sup> or v)

II.



Basle, OBU  
Ms AN.IV . 18  
n.b. – Hydra w/ raised head to left; Crater w/handles and Corvus pecking and facing forward

III.



Aberystwyth, NLW  
Ms 735 C  
similar, but kink in Hydra's neck

# Hydra



vs. planisphere  
n.b. – Hydra flattish, Crater as cup, Corvus pecking and facing forward



vs. planisphere  
n.b. – Crater as cup, Corvus flying forwards



vs. schema



vs. summer hemisphere

# Germanicus mss

IV. = O stemma (O<sup>2</sup> or μ)



Madrid, Bib nac  
Ms 19 (16)

n.b. – Hydra with raised head to left, Crater with handles, Corvus pecking and facing front

# Hydra

Va. = O stemma (O<sup>2</sup> or μ = Siciliensis)



Cologne, Bib Bodmer  
Cod lat 7  
same



NY, Pierpont Morgan Libr  
Ms M 389  
same

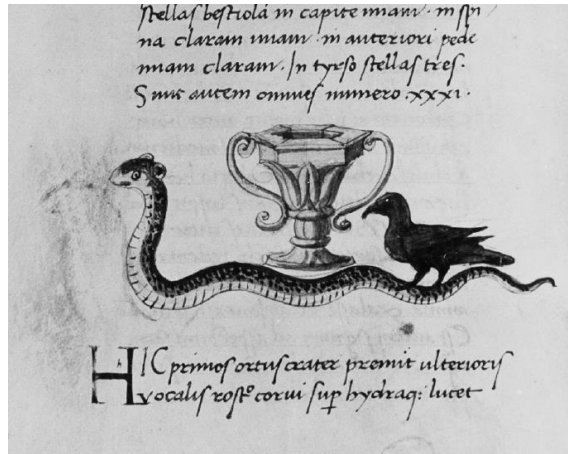
Vb.



Vatican, BAV  
Barb lat 76

similar but Hydra with canine

VI.

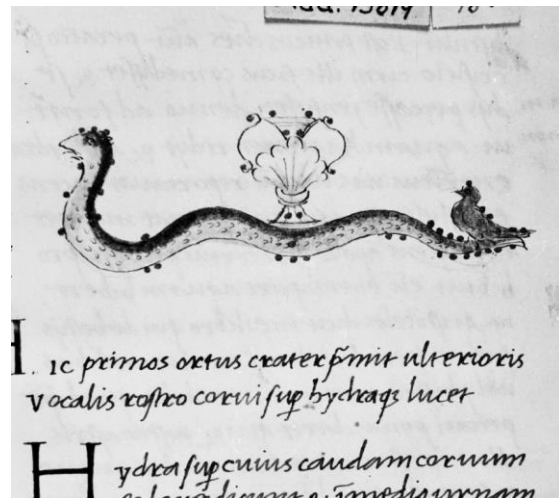


London BL

Egerton 1050

similar, but Corvus not pecking

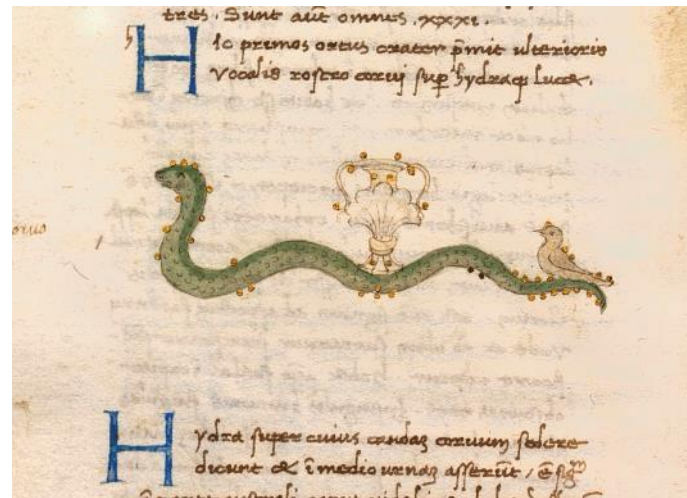
VII.



London BL

Add 15819

similar



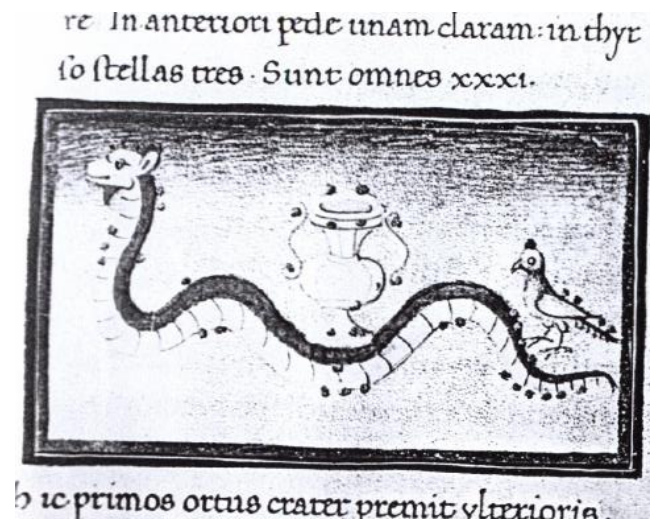
Naples, Bib naz

XIV D 37

same

= fragmentum ... repertum in Sicilia

VIIIa.



Madrid Bib Nac  
 Ms 8282  
 n.b. – white Corvus

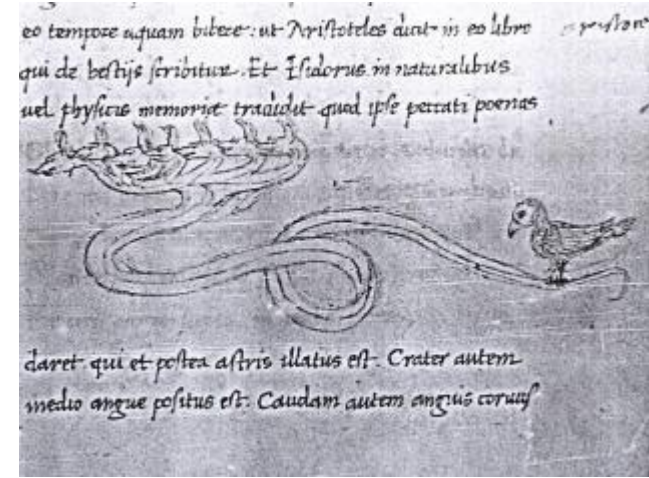
Vatican, BAV  
 Barb lat 77  
 same

Vienna, Schottenstift  
 Ms 51  
 same

VIIIb.

VIIIc.

IX.



Vatican,BAV  
Urb lat 1358  
same with white Corvus

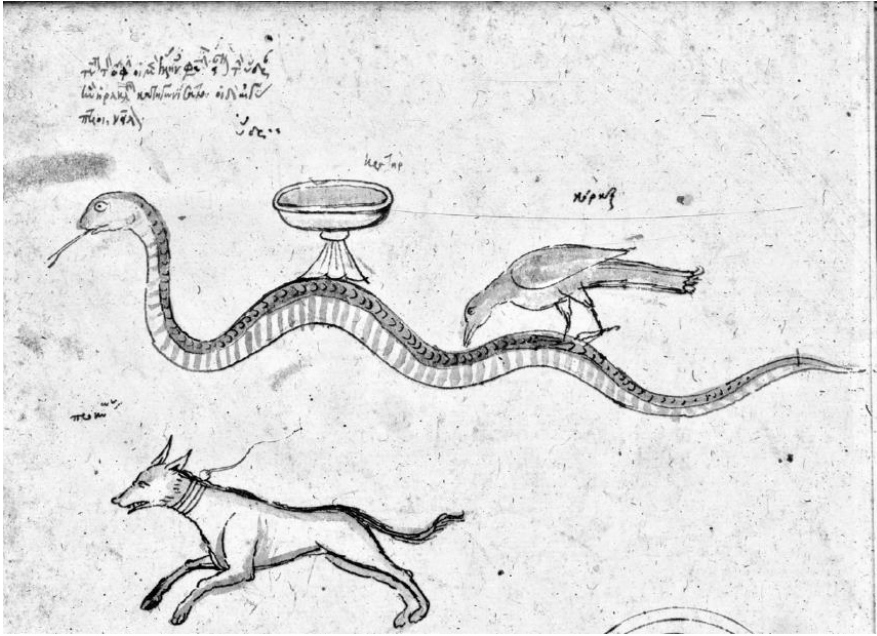
Florence, Bibl Laurenziana  
Plut 89 sup 43  
similar, but black Corvus and flame in Crater

Montpellier  
Ms H 452  
n.b. – 7-headed Hydra, missing Crater



# Ps-Eratosthenes

# Hydra



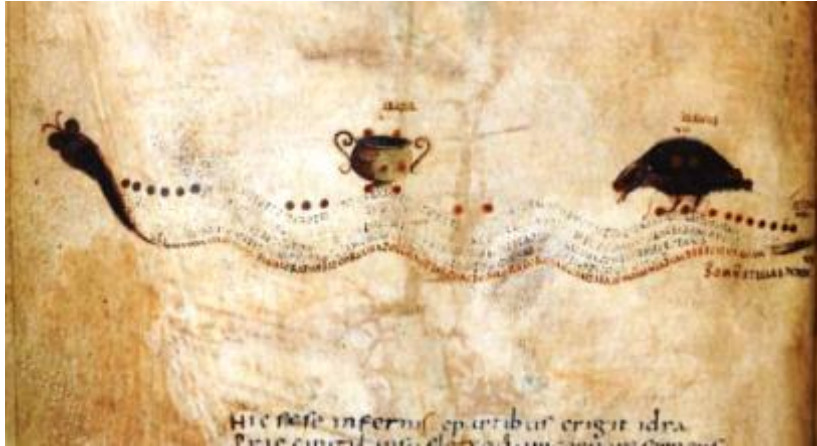
planisphere – Corvus not pecking



summer hemisphere

Vatican BAV,  
Vat grec 1087

n.b. – Hydra flattish, Crater as cup, Corvus pecking and facing forward



London, BL  
Harley 647

n.b. – Hydra to left with sluglike head seen from top, Crater with handles, Corvus pecking and facing front



London, BL  
Harley 647 – planisphere  
n.b – Corvus faces tail



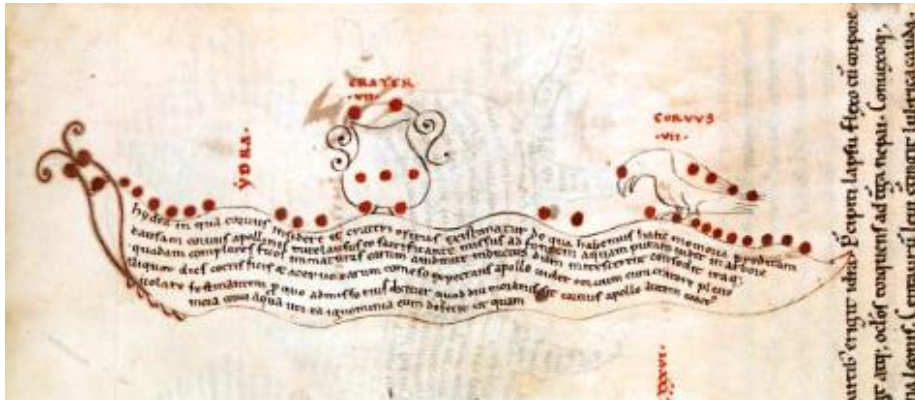
London, BL  
Harley 2506 – slug-like Hydra with curls at side of head, flame from mouth of Hydra?



London, BL

Cotton ms Tib B.V., pars 1

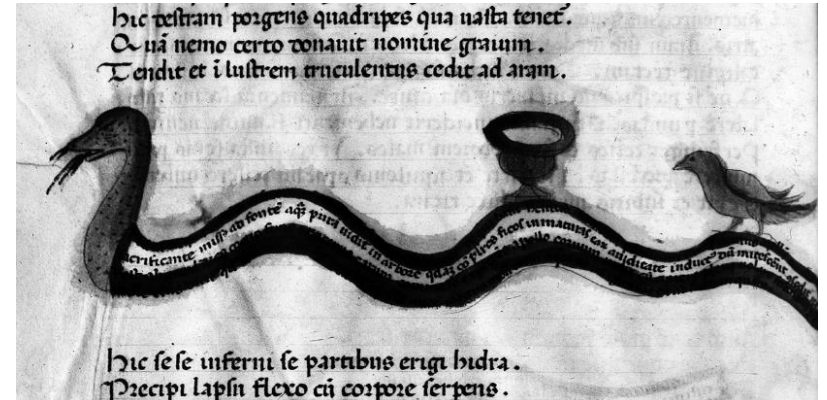
n.b. – Hydra's curls reduced to part of tri-partite tongue



London, BL

Cotton Ms Tib C. 1

n.b. – curls become antennae



Gottweig,

Stiftsbibl Ms 7

n.b. – unlike other Cicero mss, Hydra to left with raised head, snakelike, Crater w/o handles, Corvus not pecking

I.



Dresden, Landesbibl.

Ms D C 183 –

n.b. – flattish Hydra to left with ‘flame-breath’, Crater with handles, Corvus facing forward and not pecking

Paris BN

Lat 12957

similar

Prague, Univbibl

Ms IX. C. 6 (1717)

similar, Hydra without ‘breath’, Corvus with wings outspread



Dresden – summer hemisphere

Crater as cup, Corvus facing forward



Paris – summer hemisphere and globe

same

missing from manuscript

Prague – summer hemisphere

1a.



St Gallen, Stiftsbibl  
Ms 902

n.b. – Hydra to left with ears, Crater as Cup w/o handles,  
Corvus pecking and facing front



St Gallen, Stiftsbibl  
Ms 250

same



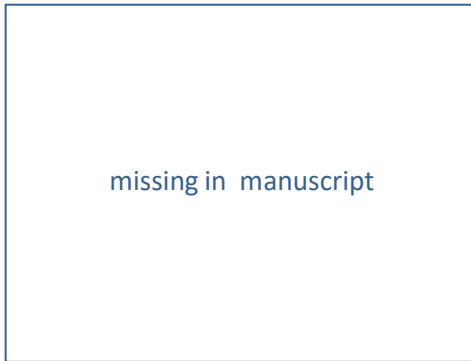
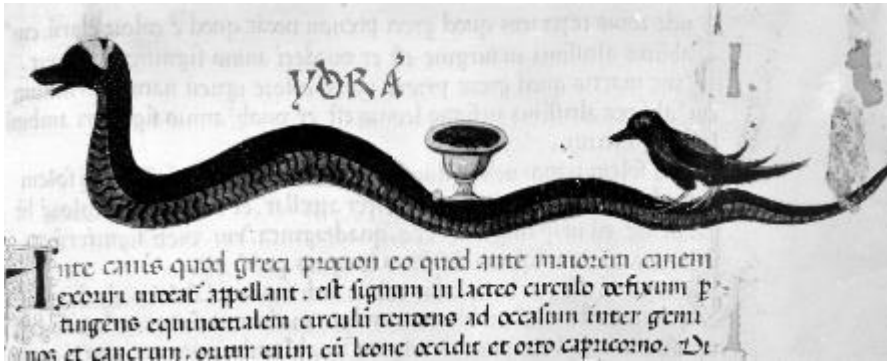
summer hemisphere

Crater w/o foot ; Corvus not pecking



summer hemisphere

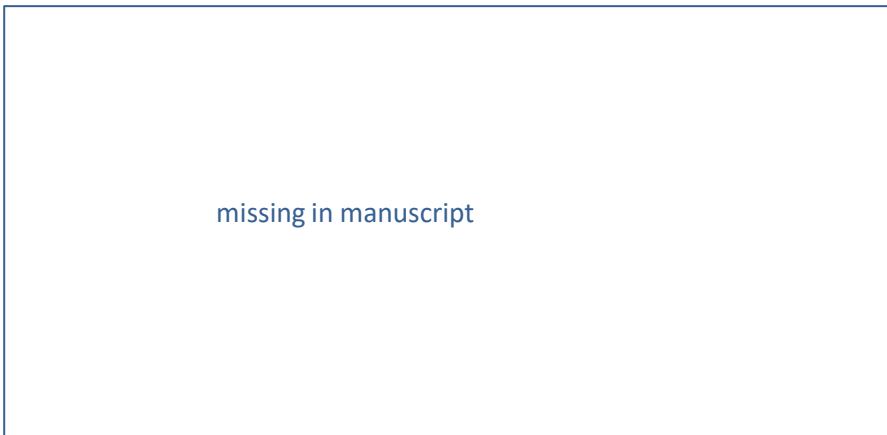
Ib.



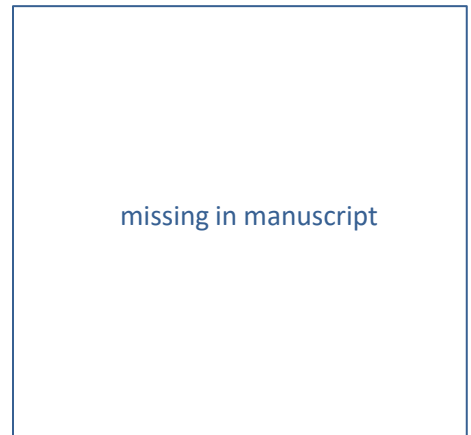
Gottweig, Stiftsbibl.  
Ms 7 (146)

n.b.— Hydra to left with lifted head, Crater like chalice, Corvus facing front

hemisphere



Siena, Bib com  
Ms L. IV. 25  
same



hemisphere

I. (distant relative)



Paris BN  
n.a. 1614  
n.b. – Hydra to right, flattish with ‘breath’;  
Crater as goblet; Corvus facing tail



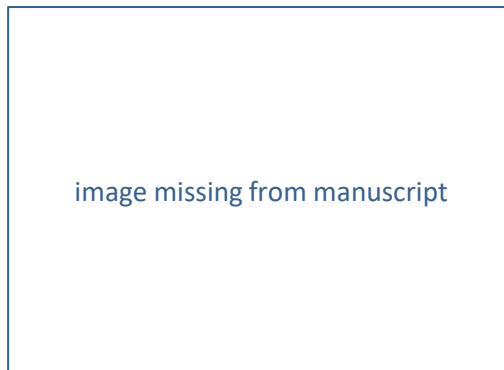
Munich, Staatsbibl.  
Clm 560  
n.b. – Hydra alone to left, ms has two circlets  
on back in pencil



Vatican, BAV  
Reg lat 1324  
n.b. – Crater as chalice, Corvus facing front



summer hemisphere  
n.b. – to left, Corvus facing front

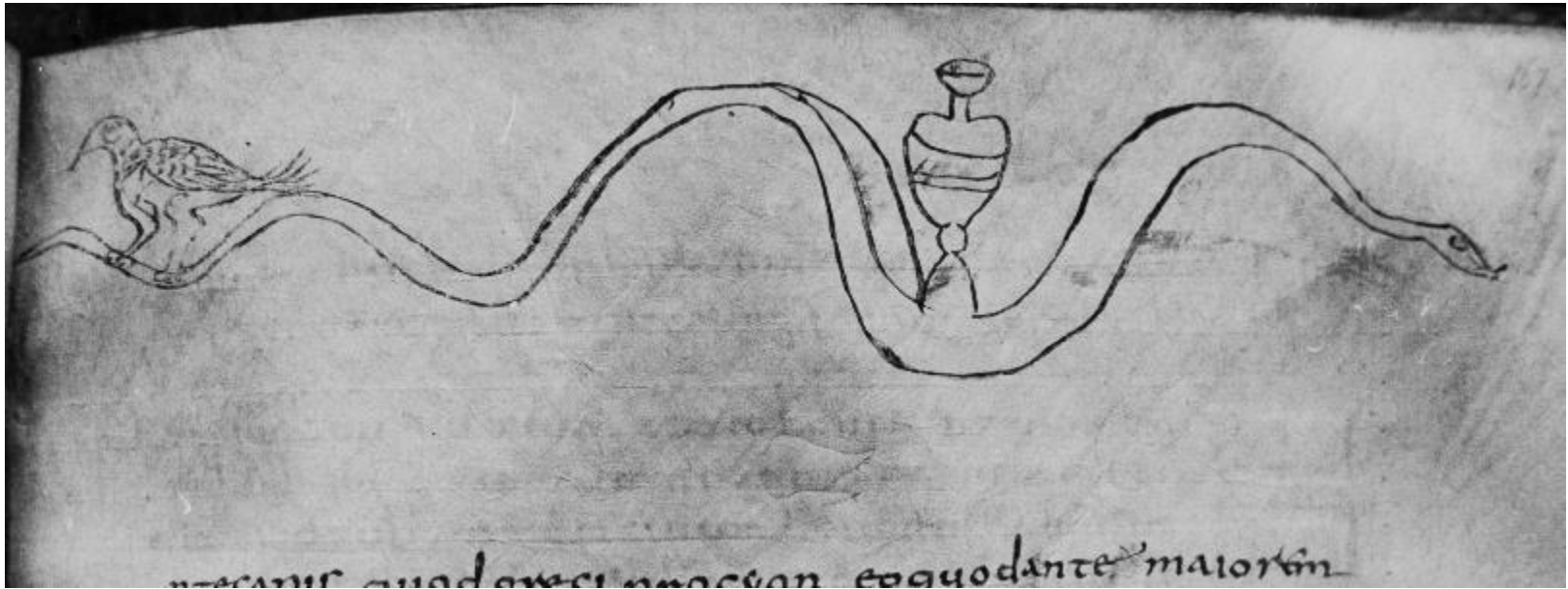


summer hemisphere



summer hemisphere

II.



Cologne, Dombibliothek

Ms 83.11

n.b. – Hydra to the right, Crater without handles, Corvus facing the tail



I.



Oxford, Bodleian  
Laud misc 644

n.b. – Hydra flat, Crater w/o handles,  
Corvus facing tail

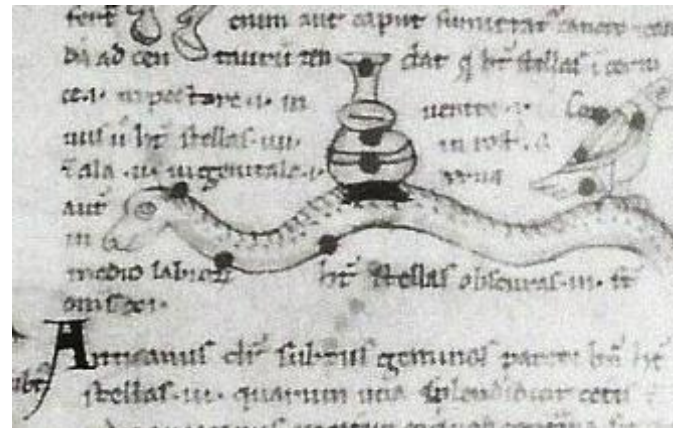


Padua, Bibl Antoniona  
Ms Anton 27  
n.b. – similar



Venice, Bib Marciana  
Ms VIII, 22

n.b. – Hydra fatter, w/ dropped  
tail, Corvus walking



Paris BN  
lat. 14754

n.b. – close to Oxford ms

la.



Dijon  
Bib mun, Ms 488  
similar

Ila.



Paris, BN  
Lat 5543

n.b. – horned and bearded Hydra faces left with bump in neck, Crater with handles, Corvus pecking and facing front



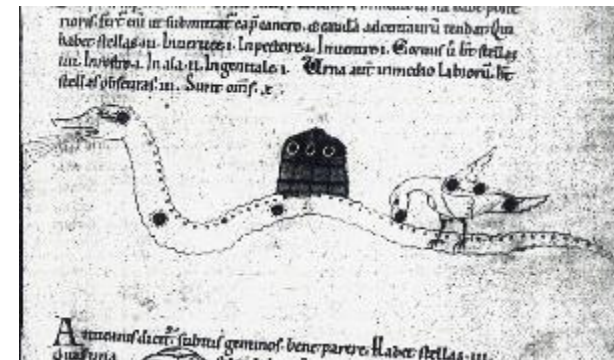
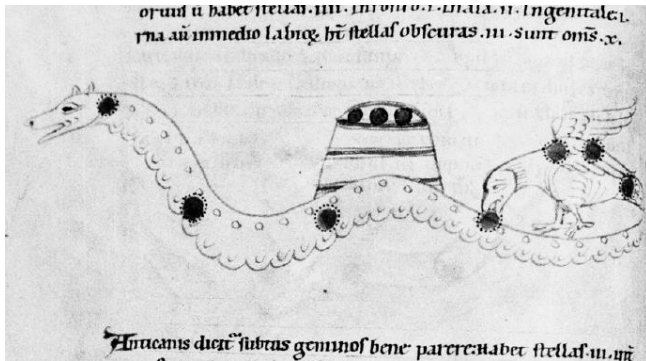
IN PECTORE .i. inuentre .i. Cor uis uero habet fellas .ii. ii  
 in rostre .i. mala .ii. ingenuale .i. Vrina autē in medio labiorū habet fellas ob  
 cusas .iii. Sunc omf. xci

Δ

Paris, BN  
Lat 5239

similar, Hydra without horn

IIb.



Klosterneuburg,  
Stiftskirche, Ms 685

n.b. — Hydra with frilled underside, Crater as bucket, Corvus pecking, facing front and wings open

Vatican, BAV  
Vat lat 643

similar, but Hydra with beard and end of tail turns down

Zwettl, Stiftskirche  
Ms 296

similar, Hydra with 'breath' and tail turned down

III.



Laon  
 Bib. mun., Ms 422

n.b. — Hydra faces to right, with horns, bears and  
 'breath'; Crater as chalice, Corvus faces front and pecks



Rouen,  
 Bib. mun., 26

similar, but Hydra with crown and 'breath'; Crater as  
 bucket/vase

Singletons



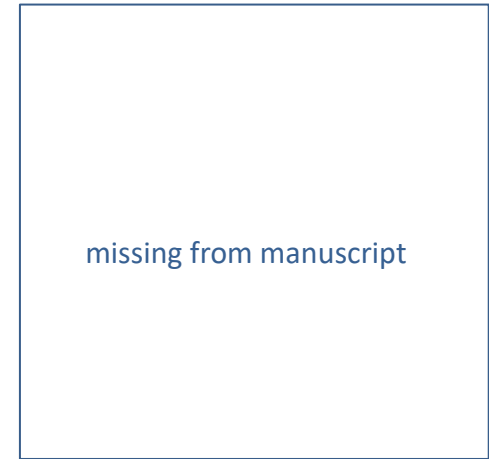
Amiens  
Bibl. mun., Ms 222

n.b. – Hydra head to right a dipped; Crater without handles; Corvus facing tail  
Second Crater below left; second Corvus in right profile at bottom right



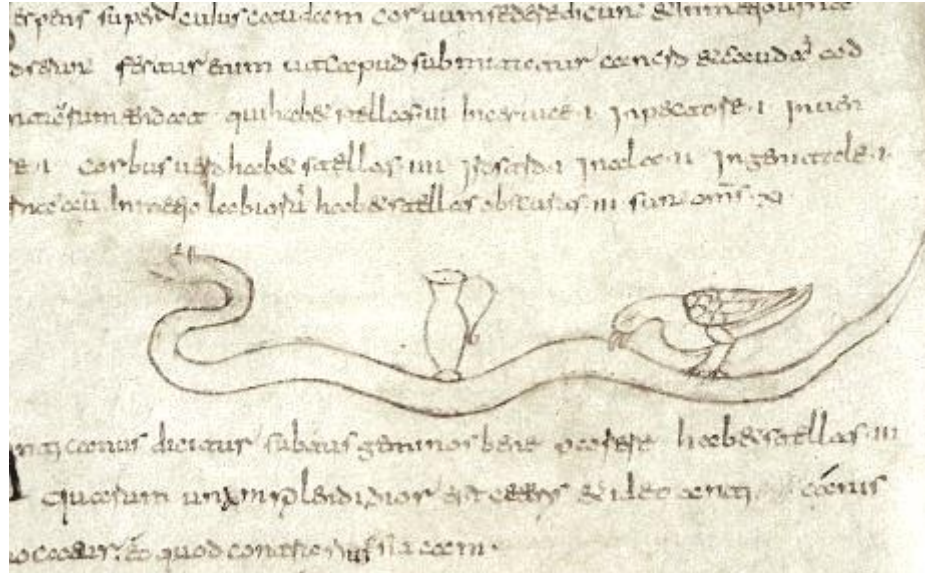
Durham, Cathedral Libr  
Hunter 100

n.b. – Hydra with 'breath'; no Crater, Corvus standing to left



Freiburg-im-Bresgau  
Ms 35

Singletons



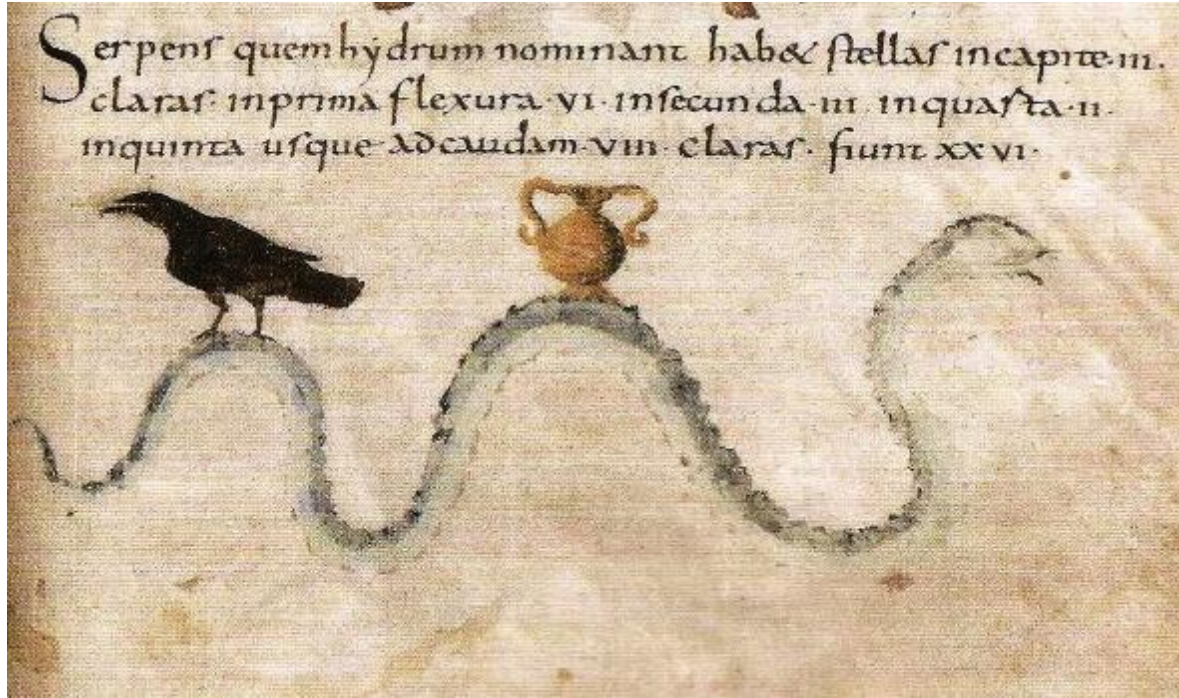
Montecassino,  
Badia, Ms 3

n.b. – Hydra with S-shaped neck and small horns/ears, Crater as one-handed pitcher, Corvus pecking and facing forward





la.



Madrid, Bib Nac  
Ms 3307

n.b.— Hydra to right, Crater with handles, Corvus facing tail

second Corvus, second Crater

Ib.



Vatican BAV,  
Vat lat 645

n.b.- Hydra to right, Crater w/o handles, Corvus  
faces tail

second Corvus, second Crater

# De ordine ac positione

# Hydra

II.



Munich, Staatsbibl. Ms clm 210  
n.b. – Hydra alone, to right, tongue out



second Corvus



second Crater



planisphere  
Corvus facing tail and pecking



Vienna, ONB  
Vindob 387  
same



III.



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

n.b. – three images independently, Corvus drawn twice

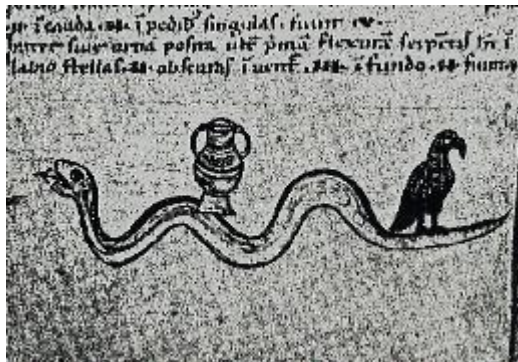


Paris BN lat n.a. 1614

n.b. – Hydra to right with 'breath', Crater as chalice, Corvus facing tail



summer hemisphere

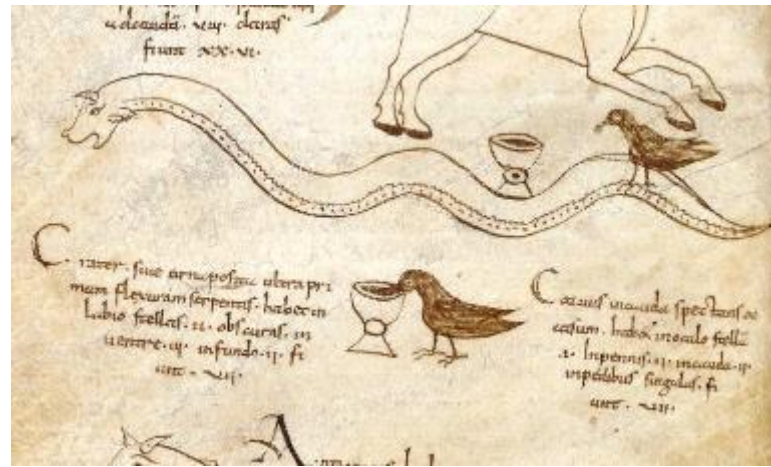
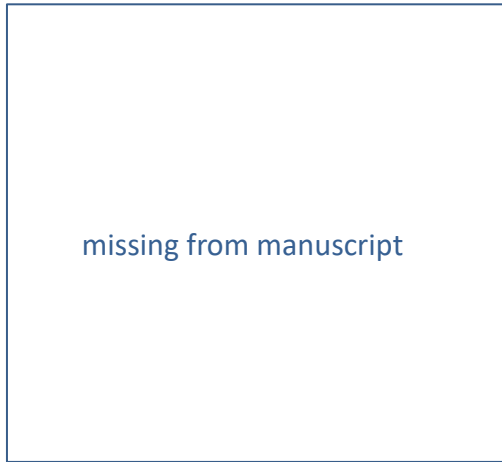


St Petersburg, Nat Libr Ms Q v IX, no 2

n.b. – Hydra to left with arrow-tongue, Crater as urn with handles, Corvus faces tail



V.



Los Angeles, Getty Mus  
Ludwig XII, 5

Paris BN,  
lat 8663

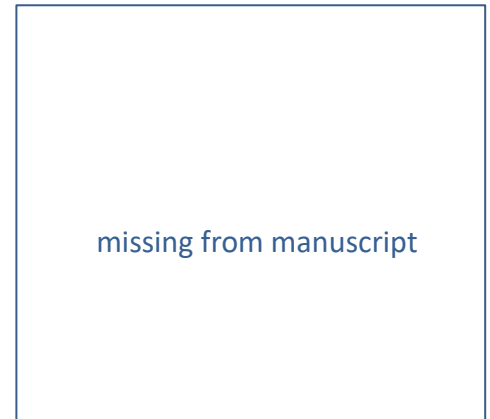
n.b. – Hydra to left, Crater as chalice; Corvus facing front;  
second Crater and Corvus together (drinking)

### Singletons



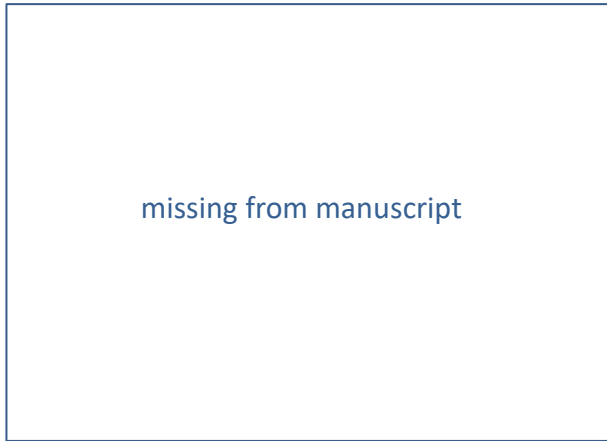
Vienna, ONB  
Vindob 12600

n.b. – Hydra to right; Crater as urn with handles, Corvus pecking and facing front



Reykjavik  
Ms 1812

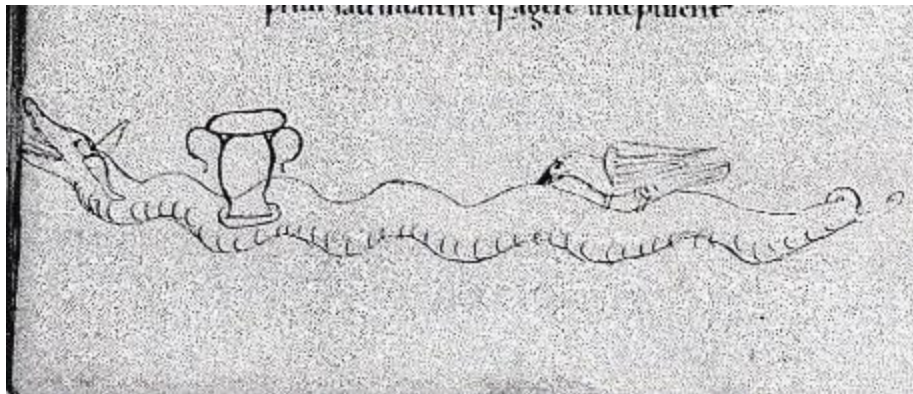
1a.



S Paul im Lavantthal  
Ms 16/1 (XXV. 4. 20

Florence, Bibl. Laurenziana  
Ms. Plut. 29.30

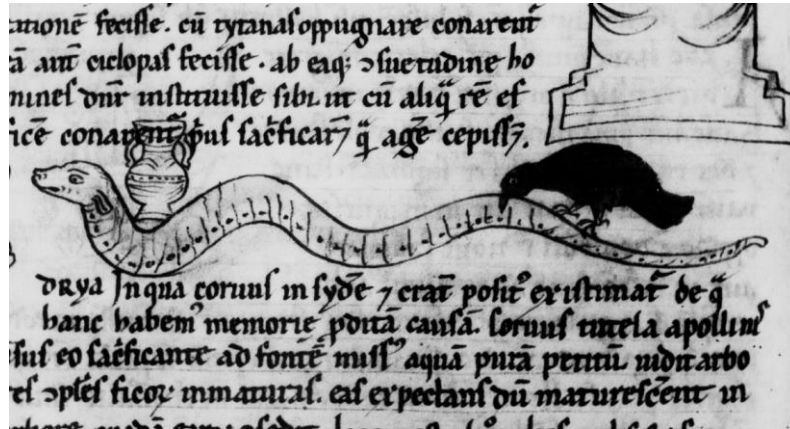
n.b. – Hydra to left, Crater as urn w/o handles, Corvus pecking and facing front



Leiden, Univ.-bibl  
Voss 8°18

similar, but Hydra with ears and Crater with handles

Ib.



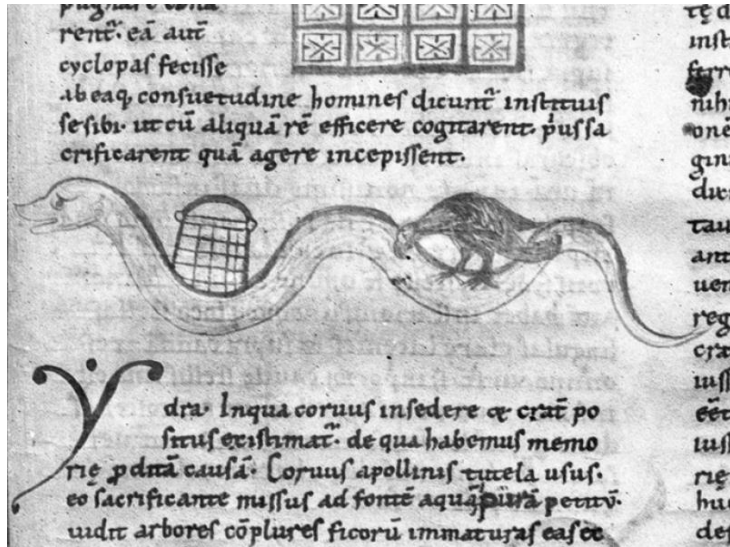
Wolfenbüttel, Herz Aug  
 Ms 18. 16. Aug 4°  
 n.b. – similar, but Crater with handles on neck



London BL  
 Arundel 339  
 same



## Ic. (singleton)



Vienna ONB  
Vindob 51

n.b. – Hydra to left, Crater as bucket, Corvus pecking and facing front

## II. (singleton)



Leiden Univ-bibl  
Voss lat 4° 92

similar but Hydra to left with tongue out and huge belly; Crater diamond-shaped; Corvus facing front

III.



Leiden Univ-bibl  
Voss lat 8° 15

similar, but Hydra to left with raised head and beard; Crater with handles; Corvus pecking and facing front



Vatican BAV  
Reg lat 123

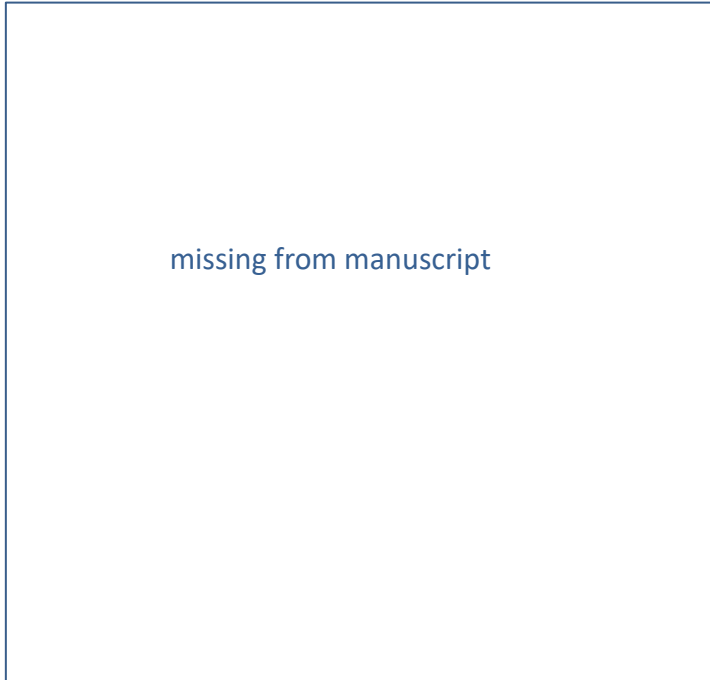
similar, but Hydra w/o beard; Crater more elegant; Corvus with wings raised



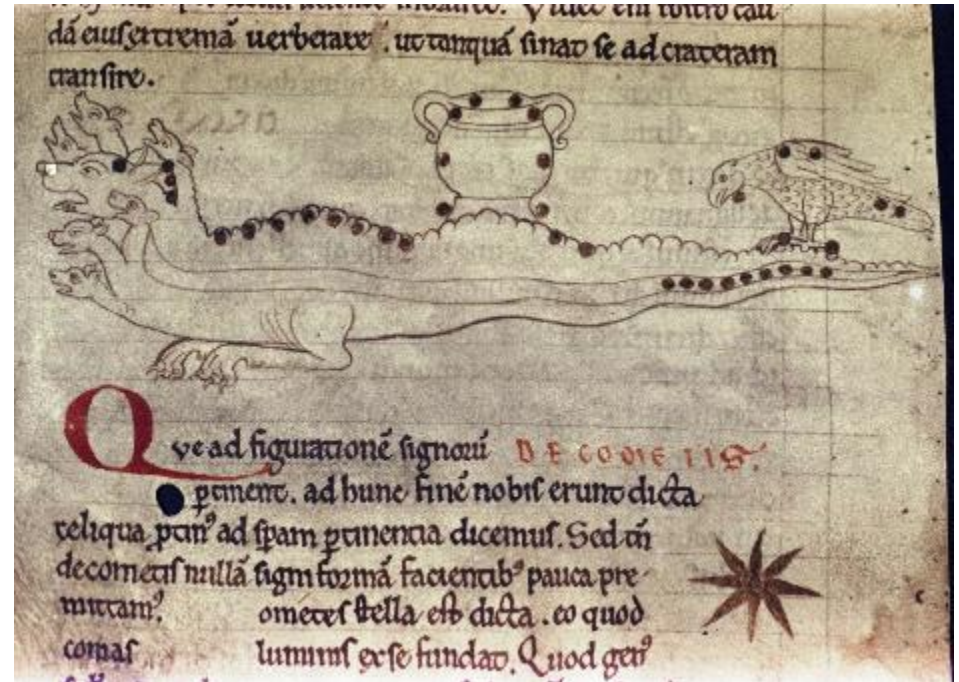
planisphere

n.b.. – Crater w/o handles; Corvus pecking and facing tail

IV.



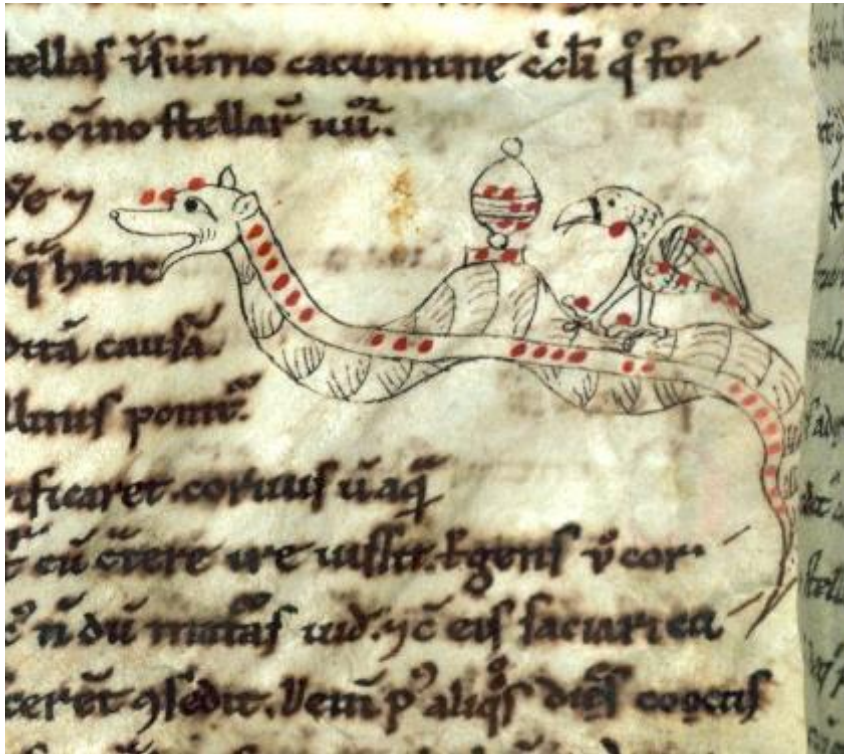
Oxford, Bodleian Libr  
Bodley 614



Oxford, Bodleian Libr  
Digby 83 (SC 1684)

n.b. – Hydra as 7-headed to left, Crater as pot with handles; Corvus facing front

V. (singleton)



Baltimore, Walters Art Gallery

Ms 734

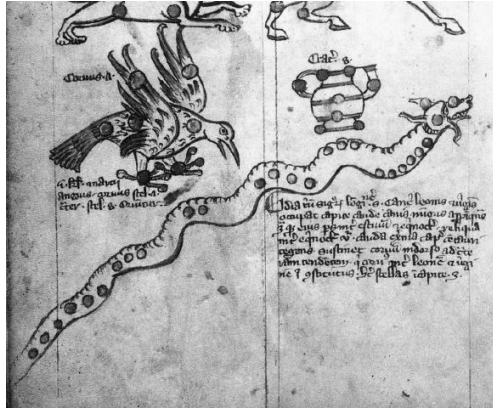
n.b. – Hydra to left with dropped tail; Crater as orblike vessel;  
Corvus facing front and not pecking

# Hyginus

# Hydra

## VI. (singleton)

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



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

n.b. – Hydra to right with beard and ears, Crater with handles and Corvus flies forward

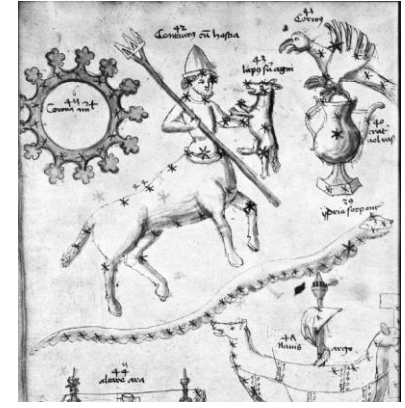


Lyon, Bib mun, Pal des  
Arts 45



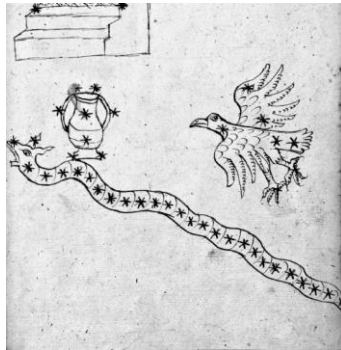
Lyon, Bib mun  
Ms 172

similar, but reversed;  
Crater with spout



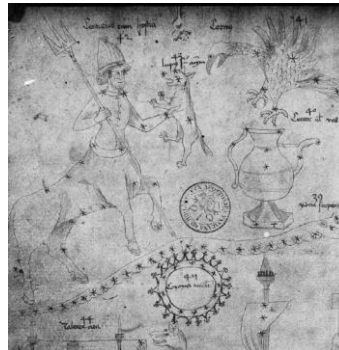
Munich, Staatsbibl  
Germ 595

Three separate constells; Crater with spout; Corvus flying



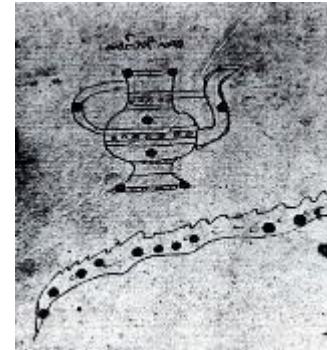
Munich, Staatsbibl  
Clm 59

similar to Berlin, but reversed



Vatican BAV  
Pal.lat. 1369

like Munich 595



Vatican BAV  
Pal.lat. 1389

Crater with spout; Corvus missing



Wolfenbüttel Herz Aug  
Guelf 81 24 Aug 2

Crater as castle; Corvus separate

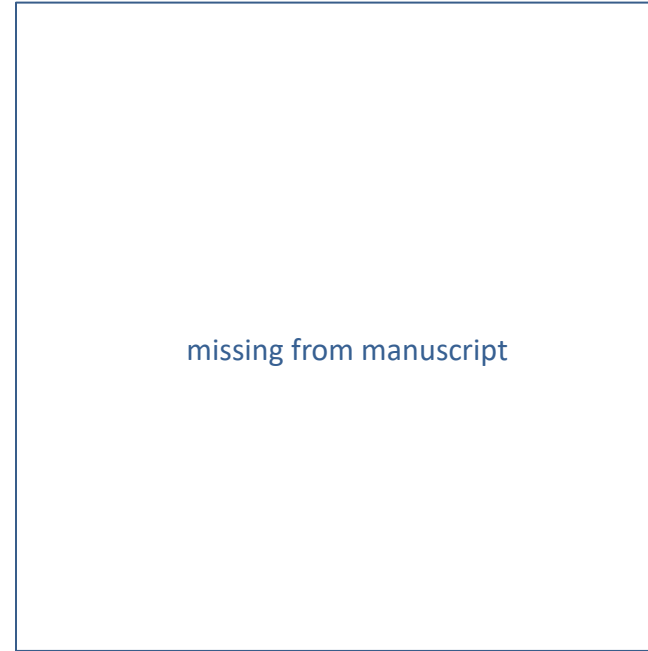
## VII. (singleton)



London BL,  
Roy Ms 13. A. XI

n.b. – Hydra with dragon's face, raised head and dipped tail, fat tummy; 2 Craters; Corvus in middle and pecking, facing front

## VIII. (singleton)

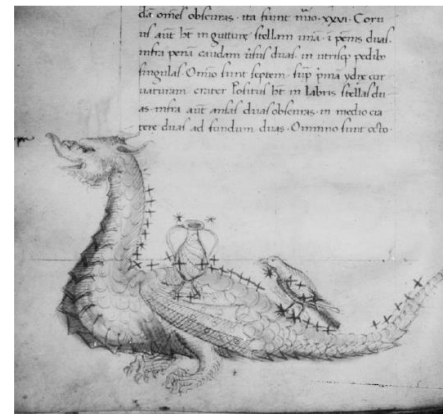
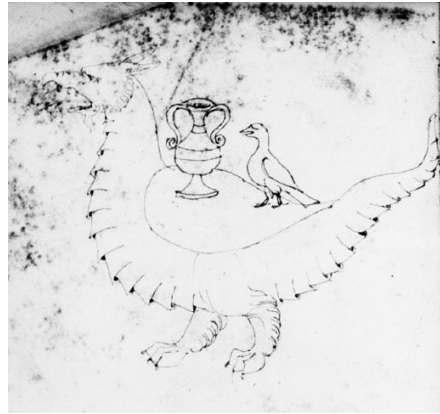
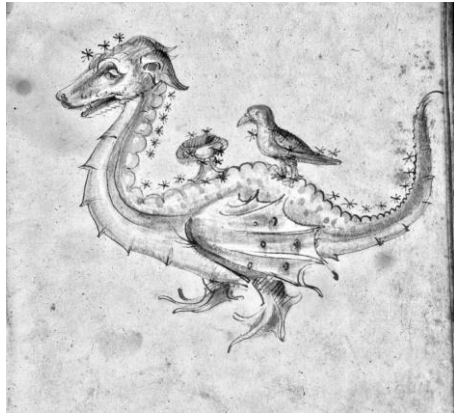


Munich, Staatsbibl.  
Clm 10270

# Hyginus

# Hydra

IXa.

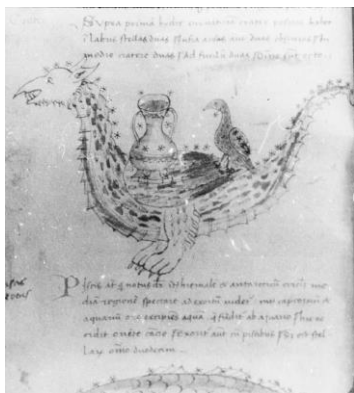


Cambridge, Fitzwilliam Mus  
Ms 260  
n.b. – Hydra as 2-legged dragon  
facing left, Crater as cup with  
handles; Corvus faces front

Florence, BN  
Magl XI. 141  
similar, but Crater more like urn

Milan, Bibl. Ambrosiana  
T. 47 sup  
similar

Oxford, Bodleian Libr  
Can. class lat 179  
similar



Siena, Bib com  
Ms L. VI. 25  
similar

Vatican, BAV  
Vat lat 3109  
missing Crater and Corvus

Vatican, BAV  
Vat lat 3109  
missing Crater and Corvus

Verona, Bibl capitolare  
Ms CCLXI  
similar

# Hyginus

IXb.

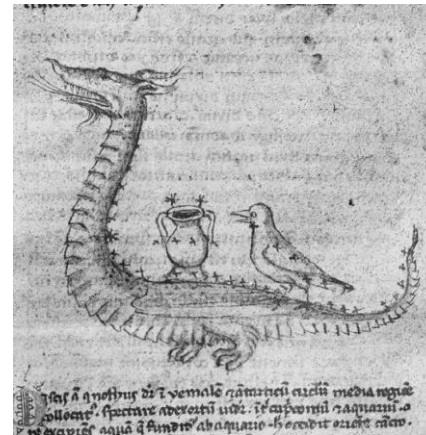


Oxford, Bodleian Library  
Can misc 46  
same, Crater as urn with  
handles, Corvus faces front



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

IXc.



Vatican, BAV  
Vat lat 3110  
similar

# Hydra

missing from manuscript



# Hyginus

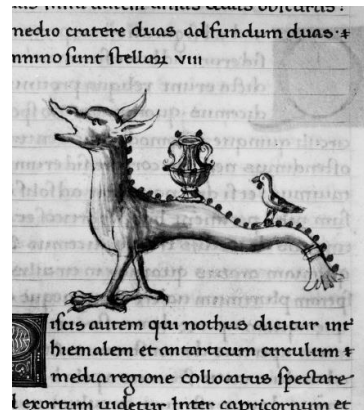
# Hydra

IXd. (distant singleton)

IXe.



Florence, Bibl Laurenziana  
Ashburnam 1148  
n.b. – Hydra to left w/ head raised and long ears, Crater w/handles, Corvus faces front



Pavia, Bibl Univ  
Aldini 490  
n.b. – Hydra with 2 bird's feet



Vatican., BAV  
Urb lat 1358  
same

IXf.

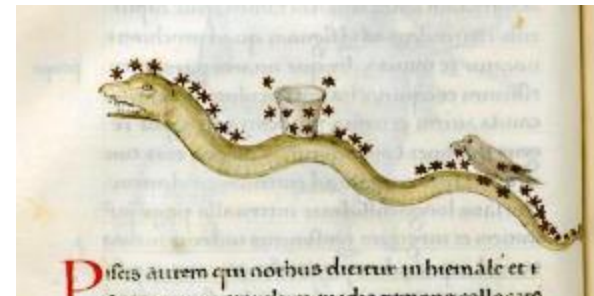
IXg.



New York, Public Library  
Spencer Ms 28  
n.b. – Hydra w/curls, long ears; Crater w/handles; Corvus pecks and faces front

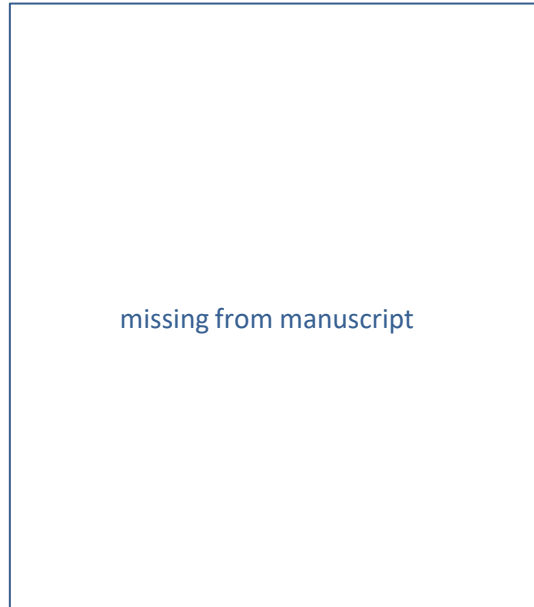


Freiberg, Andreas-Möller-Bibl.  
Cl XI 4o 9  
same



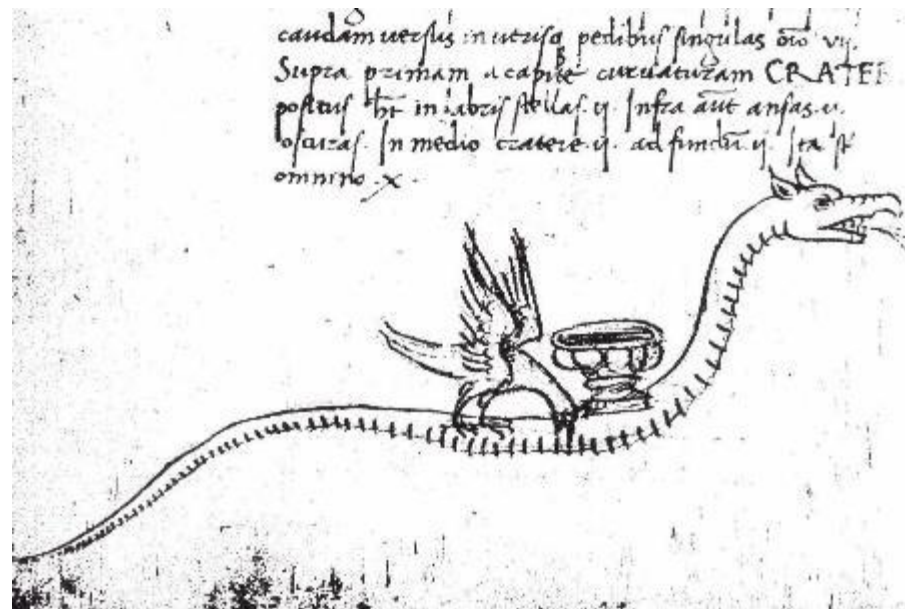
Florence, Bib Laurenziana  
Plut 89, sup 43  
n.b. – Hydra as snake; Crater as cup; Corvus facing front

X. (singleton)



Vatican, BAV  
Chigi H. IV. 20

XI. (singleton)



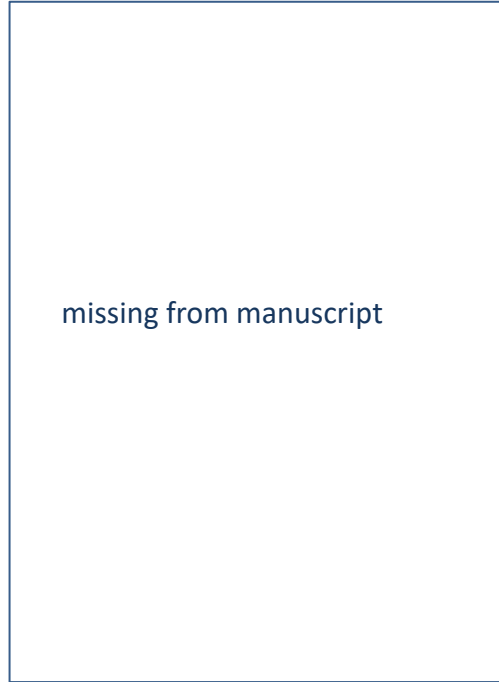
Cortona, Lib del Comune  
Ms 184 (256)

n.b. – Hydra as snake to right with pointed ears and tongue out; Crater as bowl, Corvus pecking and facing front

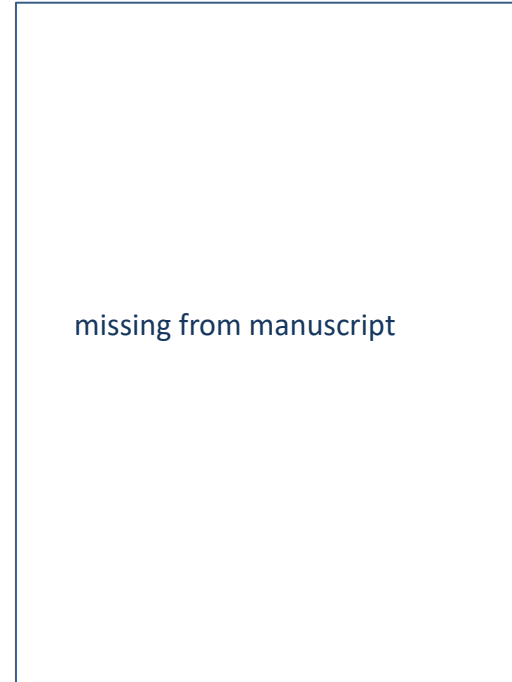


Cambrai, Bibl Mun.  
Ms 933 (832)

n.b. – Hydra as winged dragon to left,  
Crater as urn with handles, Corvus  
facing front



Cambridge, Trinity College  
Ms R 15 32



Leiden, Univ.-bibl.  
Gronovius 21

Venice: Ratdolt, 1482



cf Michael Scot = Hydra climbing up a tree; Crater as cup with handled, Corvus facing forward



Vienna ÖNB  
Vindob 3111  
same

1a.



Rimini, Cassa di Risparmio  
(London Sotheby's sale 1992)

n.b. – Hydra as two-legged dragon facing left;  
Crater as vase with handles, Corvus facing front

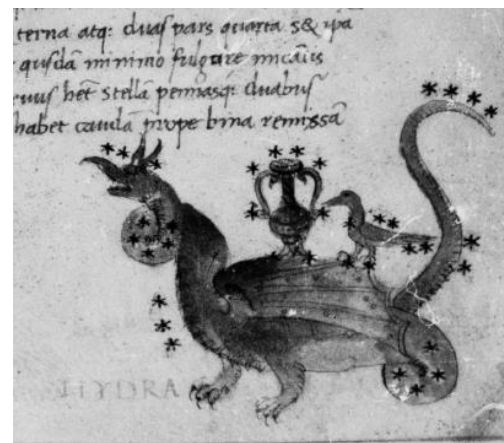
1b.



Cambridge, CUL  
Dd IV 64

similar

1la.



Oxford, Bodleian Libr  
Bodley 646

Hydra with curl in neck and in tail



Parma, Bib Palatina,  
Parm 1008

same



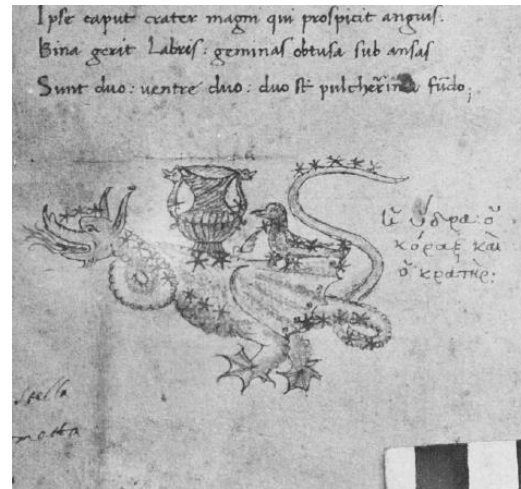
Venice, Bibl Marciana  
XII, 194 (4148)

same

IIb.



Parma, Bibl Palatina  
 Parm 27  
 same as Hyginus IIb



Rome Bibl Casanatense  
 Ms 4059  
 same, label in Greek



Munich, BSB  
 Clm 15743  
 same

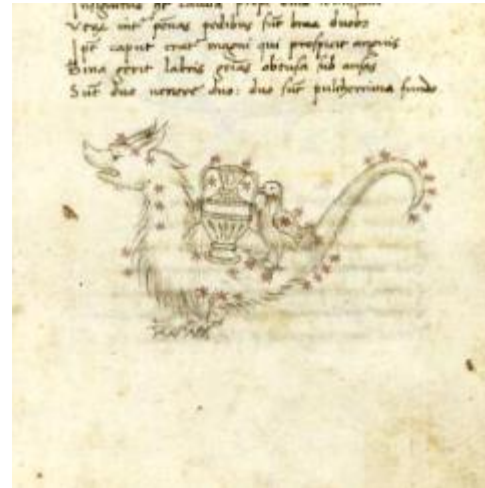
III.



Bologna, Bibl Com  
Ms 173

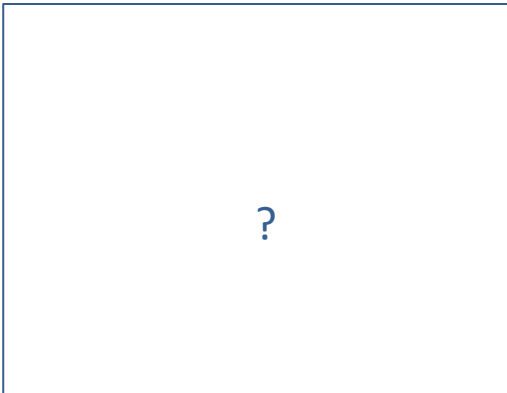
n.b. – Hydra as 2-legged dragon with smooth tail;  
Crater as urn w/handles; Corvus facing forward

IV.



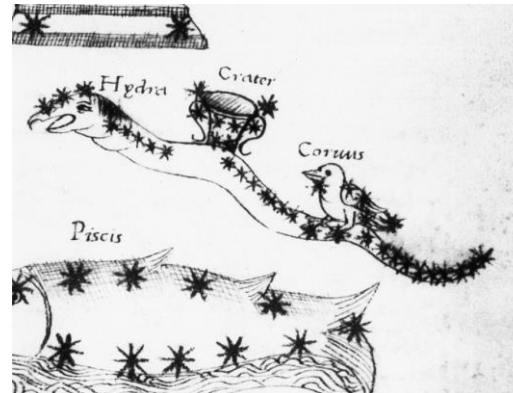
London, Wellcome Coll  
WMS 122  
same

V.

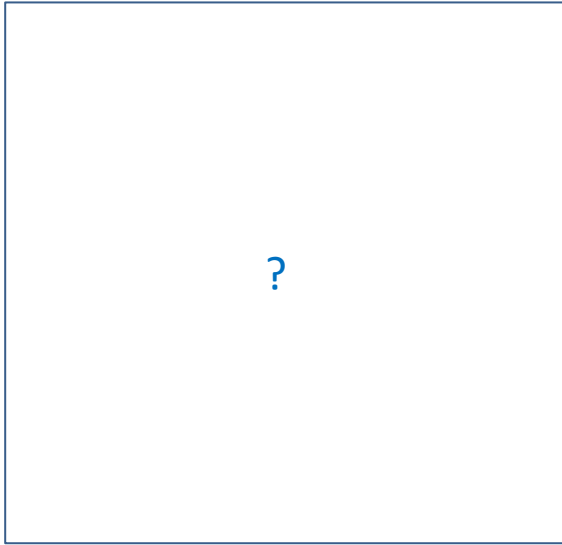


Ravenna, Bib Classense  
Ms 120

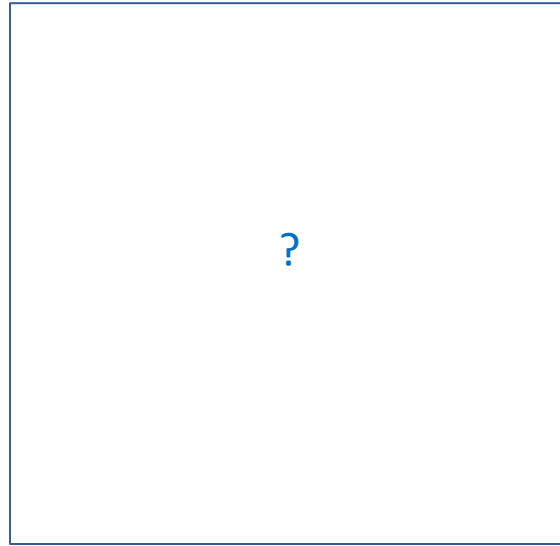
VI.



Florence, Bibl Marucelliana  
Ms C. CCLI  
n.b. – Michael Scot infl., w/o tree



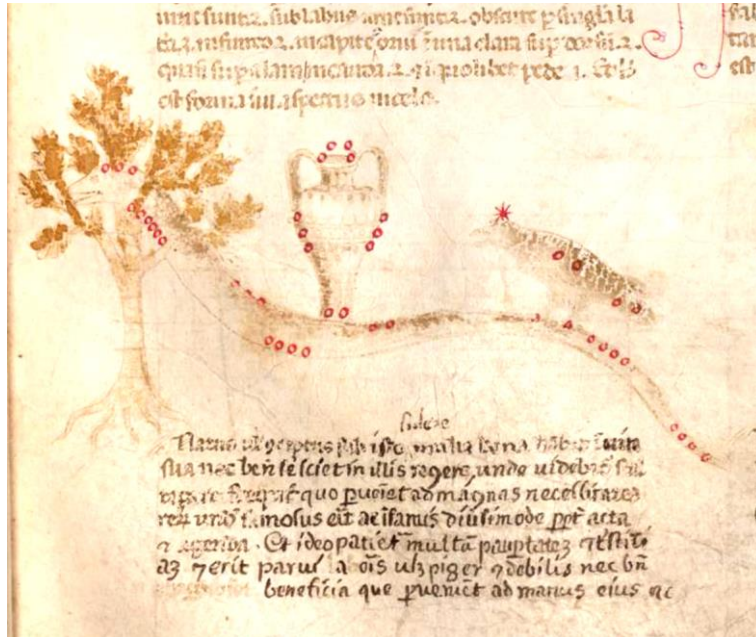
Krakov,  
Rps BJ 3706



Padua, Bibl. Universitaria  
Cod 983

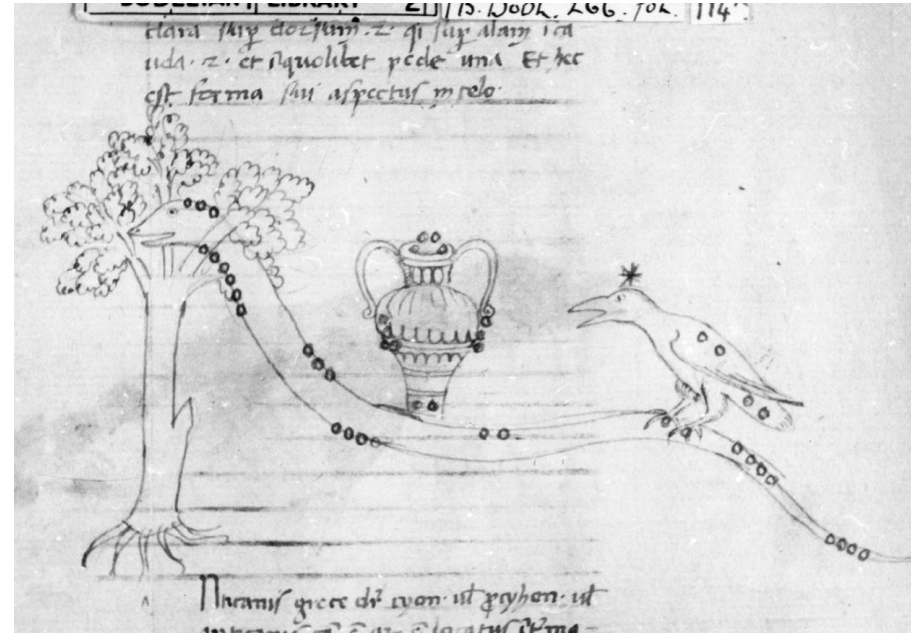


N Italian Group – Ia.



Munich, Staatsbibl  
Clm 10268

n.b. – Hydra as snake facing left with head in a tree; Crater as urn w/ 2 handles; Corvus facing front



Oxford, Bodleian Libr  
Bodley Ms 266

same – but Corvus is white

Serpens, qui alio nomine dicitur Ydra, super cuius caudam Corvus moratur aspiciendo Urnam, que est in medio Ydre, locate inter Navem et Centaurum, Virginem et Libram. (ed ACKERMANN 2009, p. 240).

N Italian Group – Ib.

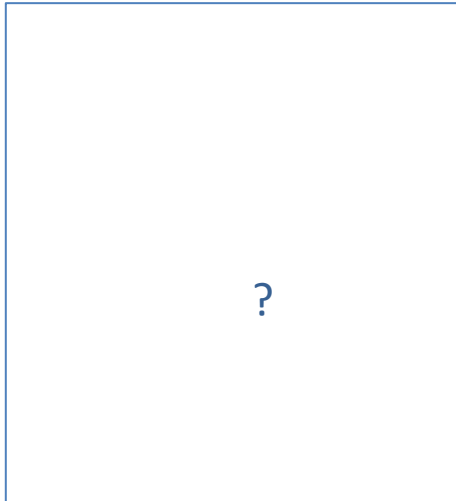


Vatican, BAV  
Vat lat 4087 A



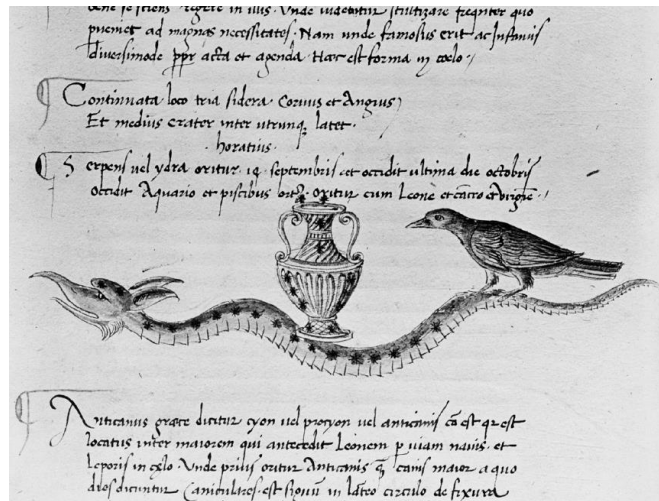
St Petersburg, Nat Libr  
Ms lat F V IX, no. 1  
same, with white Corvus

N Italian Group – Ic.



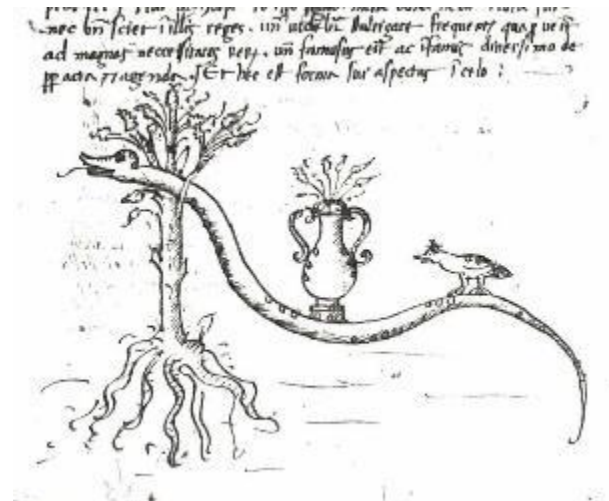
Warsaw, BN,  
B Baw 46

N Italian Group – Id.



Vienna, ONB  
Vindob 3394  
n.b. – Hydra as flat snake with pointed ears

N Italian Group – Ie.



Padua, Bibl Seminario  
Cod. 48  
n.b. – Hydra with head in tree, Corvus white and facing front

Venetian Group – IIa.

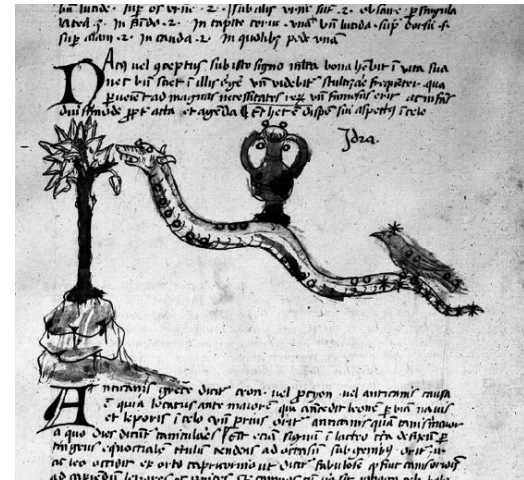


London BL  
Add 41600  
same



London, Wellcome Coll  
Ms 509  
same

Venetian Group – IIb.



Milan, Ambrosiana  
Ms I 90 sup  
same

Bohemian Group – IIIa.



Vienna, ONB  
Vindob 2352

n.b. – Hydra as snake in tree; Crater as urn, Corvus black and facing front

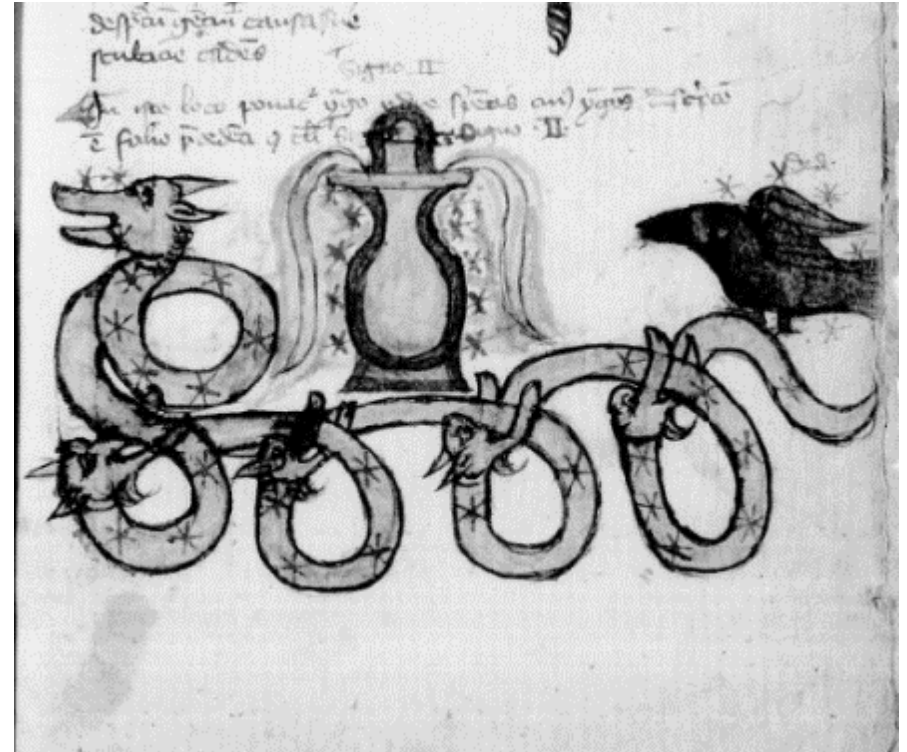


Vienna, ONB  
Vindob 2378

similar, Corvus reaches upwards

Bohemian – IIIa.

Bohemian – IIIb.



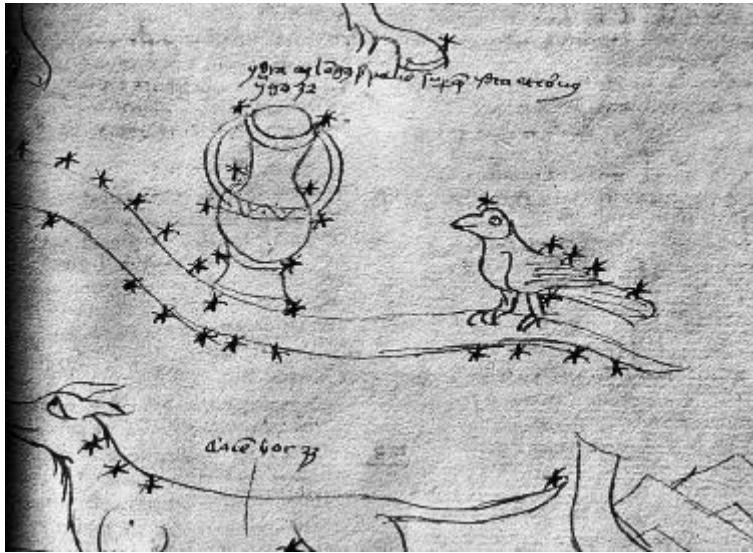
Prague NK,  
Ms III. C. 2

n.b. – Hydra in same position, but tree is missing, with long ears; Corvus pecking an facing forward

Paris BN  
lat 7408A

n.b. – Hydra as fantastic snake with 4 extra heads biting body; Crater as flowing urn; Corvus faces front

Bohemian – IIIc.

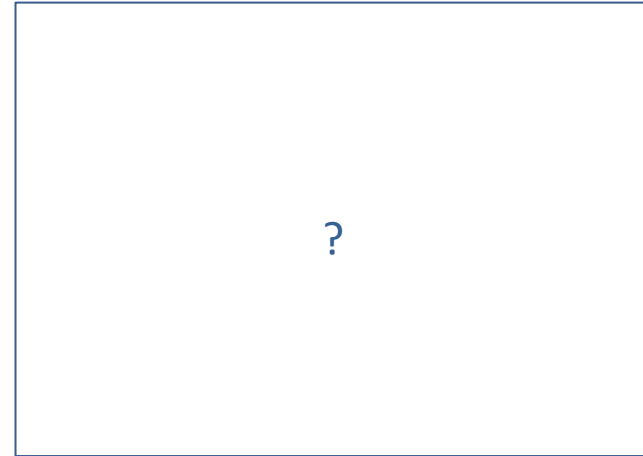
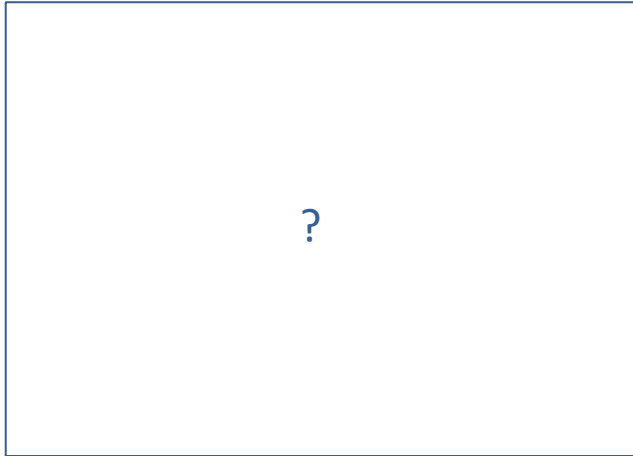


Vienna, ONB  
Vindob 5442  
n.b. – Hydra as snake going to the left; Crater as urn  
with handles; Corvus faces forward

Bohemian – III d.



Cambridge, MA  
Harvard, Houghton  
Libr., Typ 43



Edinburgh, Royal Observatory  
Ms Cr 3. 23

Florence, BNC  
Magl. XXII, 22



Klosterneuburg, Augustiner Ch-Stift,  
Ms CCI 125

Krakow, Bibl Jagiellonska  
Rps 573

n.b. – Hydra as snake with a series of curls to the right through a set of trees; Crater as a wooden bucket; Corvus faces front with wings outspread

n.b. – Hydra as snake, Crater suspended and with animal-headed spout; Corvus flying (cf: Berlin Hyginus and 'secundum Hyginus' mss)





Prague, Narodni Knihova  
 Ms XXXVI A 3  
 n.b. — Hydra as snake facing left with head in tree; Crater as pitcher w/ one handle; Corvus faces front



Seville, Bibl Columbina  
 Ms. 7.7.1  
 n.b. — Hydra as 2-legged dragon; Crater like a censer; white Corvus stands alongside to left



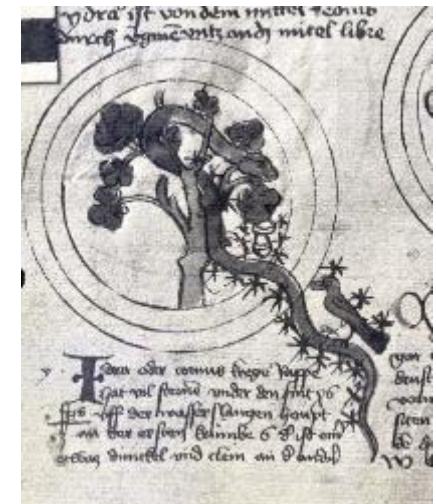
Darmstadt, Hess Hochschulbibl.  
Ms 266  
n.b. – Hydra is tree looking down, 2  
Craters (?) as beaker; white Corvus faces  
forward



Berlin, Staatsbibl  
Ms germ fol 244  
n.b. – Hydra climbing into tree; Crater  
w/2 handles; white Corvus facing forward  
wings raised



Salzburg, Studienbibl  
2 G 8/13  
similar to Darmstadt, but black Corvus



Vatican, BAV  
Pal lat 1370  
similar as Darmstadt, but black Corvus

German mss – IVa.



Paris, BN

Allem 106

n.b. – Hydra I tree, Crater as covered jar on ground with white Corvus

German mss – IVb.



Tubingen Univ-bibl.

Ms d 2

n.b. – Hydra in dead tree, with Crater as bucket and black Corvus (on Hydra's tail) on ground.



Paranatellonta rota, southern hemisphere

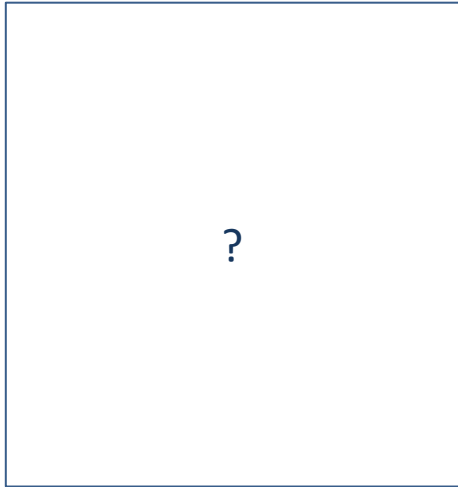


Crater (bucket) and Corvus as children of Jupiter

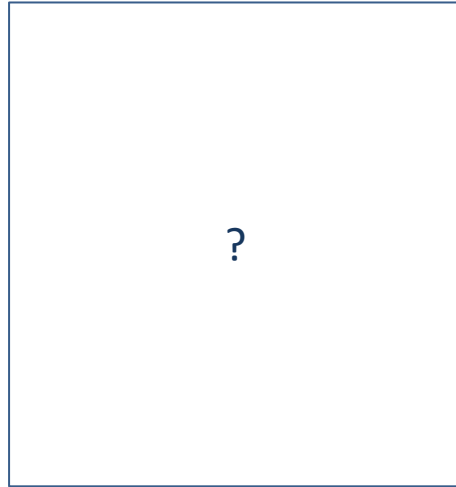


Hydra as child of Venus

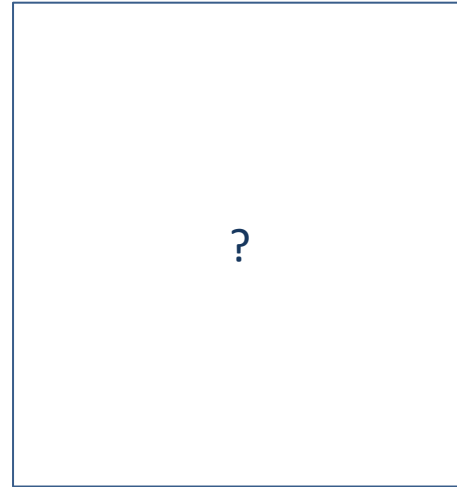




Coburg, Bayerisches Landesbibl.  
Ms 5



Edinburgh, Royal Observatory Libr.  
Ms Cr 4 6

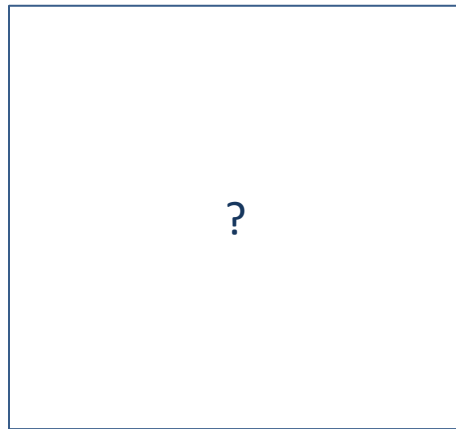


Freiburg, Univ-bibl.  
Ms 458



Heidelberg Univ-bibl.  
Pal germ 832

n.b. – Hydra climbing tree, Crater as  
bucket, Corvus faces forward



Karlsruhe, Badische Landesbibl.  
Ms K 2790



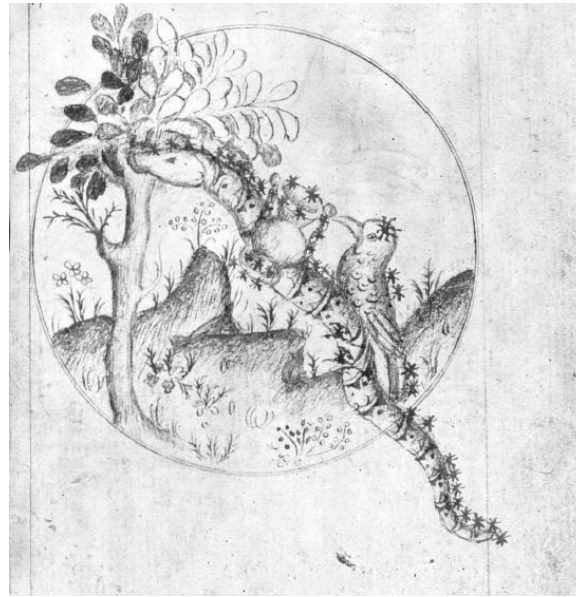
Nürnberg, Germanisches Nationalmus.  
Ms 7082

Venice: Ratdolt, 1482

Bartolommeo da Parma



cf. Michael Scot



Cambridge, Emmanuel College Ms 70

n.b. – Hydra climbing tree, Crater w/ 2 handles; white Corvus facing front



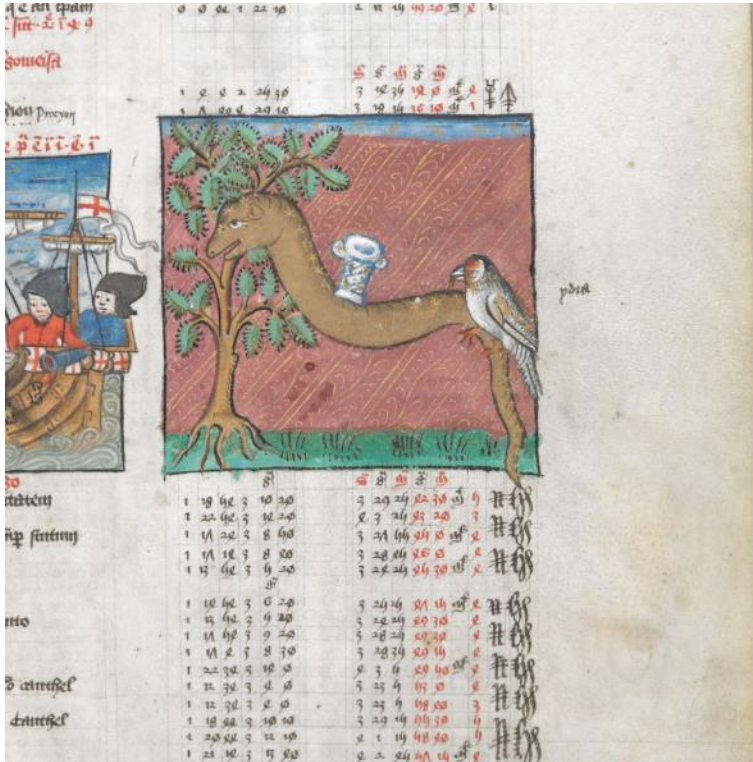
Metz, Bibl mun Ms 287

n.b. – Hydra flattish, Crater w/ 2 handles; Corvus forward





Alfonsine Tables (John Killingworth update)



London, BL

Arundel Ms 66

n.b. – Hydra climbing into tree to left; Crater as majolica jar; Corvus as a finch with coloured face and wings

Stellacio ydre et est species serpentum et nominator Alma et Securus

Ludovicus de Angulo



St Gallen, Vadianische Libr Ms 427

n.b. — Hydra to left with curls in body; Crater as covered jar with 3 water outlets, Corvus faces forward



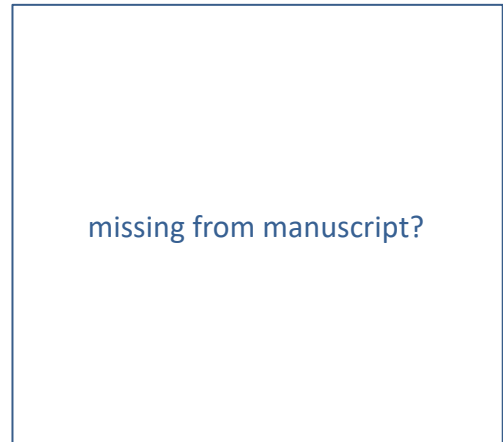
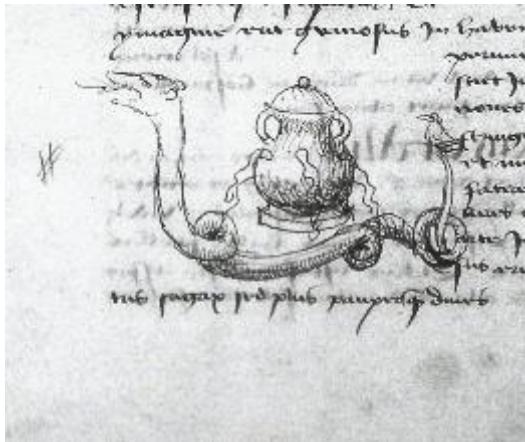
Florence, Bibl. Riccardiana Ms 3011

similar, but Crater as pitcher and Corvus is white



Madrid, BN Ms 9267

same as St Gallen



Paris BN  
Lat 6561

n.b. – Hydra to left with curls in body; Crater as covered jar with 3 water outlets, Corvus faces forward

Paris BN  
Fr 612

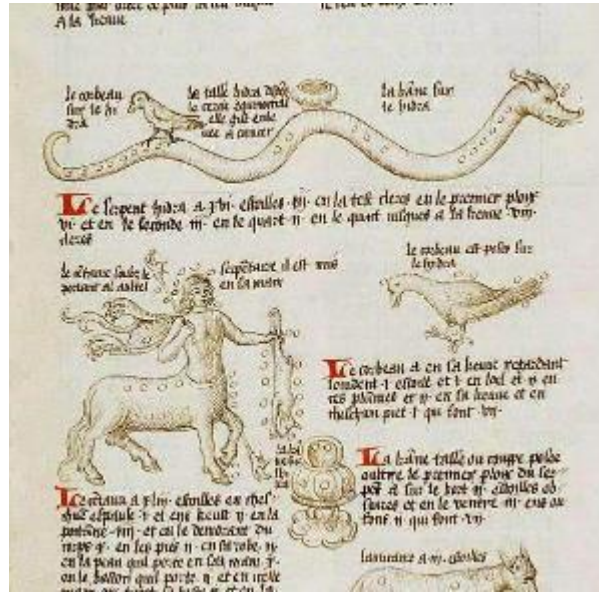
similar, Hydra w/ legs; Crater lacks water; Corvus in air

Paris BN  
Lat 7344



Hague  
Ms 72.A.83

n.b. – Hydra as snake to right with horns,  
Crater as cup, Corvus faces tail  
second Corvus, second Crater below

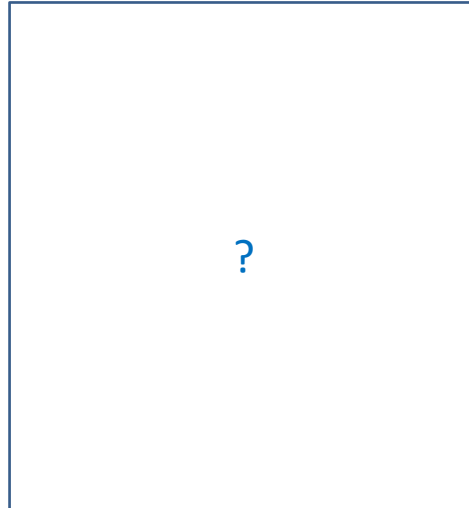


Hague  
Ms 128 C  
same



Paris, BN  
Lat 8865

similar, but Hydra with curls in tail and  
lifted head; Corvus black



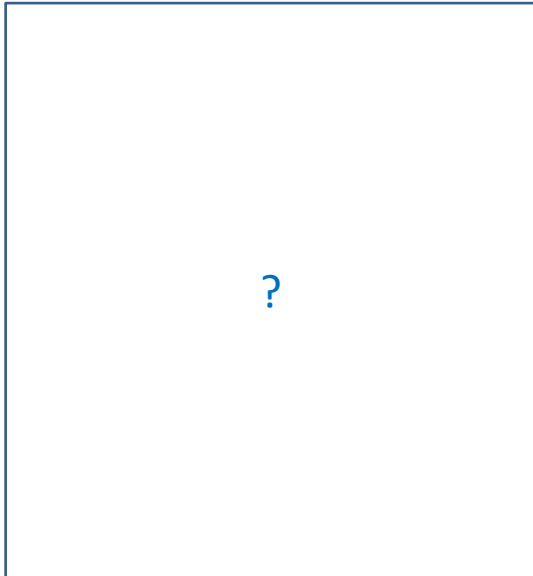
Chantilly, Petit Château  
Ms 724 (1596)

n.b. – Crater as 3-legged pot; Corvus  
faces tail  
Second Corvus on back of CMi;  
second Crater

Leiden, Univ-bibl  
Ms 1° 31

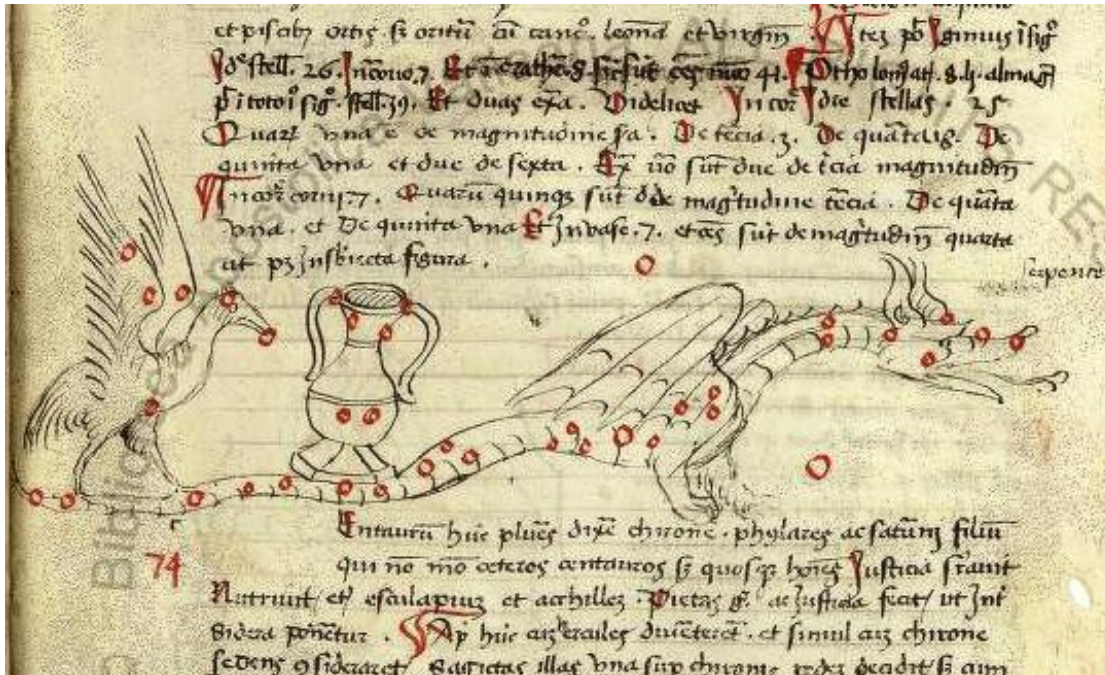
Ghent  
Ms 92

similar group picture  
second Corvus, second Crater



Paris, BN  
Lat 9675

Wolfenbüttel, WDB,  
Ms Gud lat 1  
same



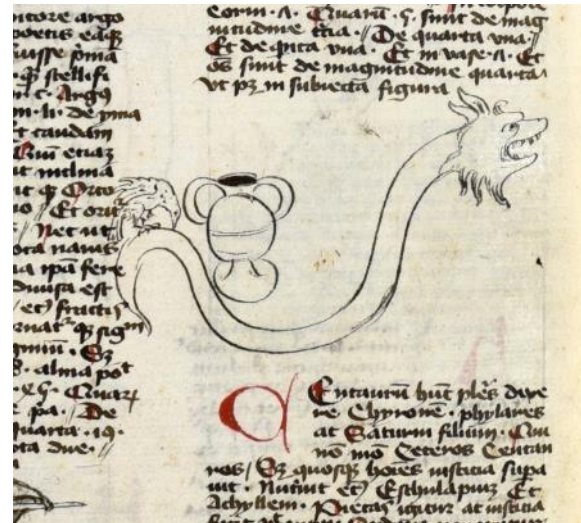
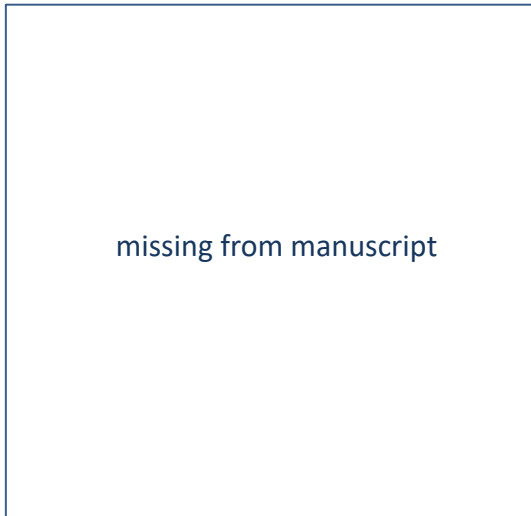
Vatican BAV  
 Val Lat 3121

n.b. – Hydra as 2-legged dragon facing to right; Crater as vase with 2 handles; Corvus  
 faces front with wings open



Madrid, BN  
 Ms 1983

n.b. – Hydra as snake with raised dragon's head,  
 head, Crater w/ 2 handles; Corvus pecking and  
 facing forward



Florence, Bibl. Laurenziana  
Aedil 170

n.b. – Hydra as snake with raised  
dragon's head and U-shaped body;  
Crater w/ 2 handles; Corvus pecking  
and facing forward



London, Lambeth Palace  
Ms 35

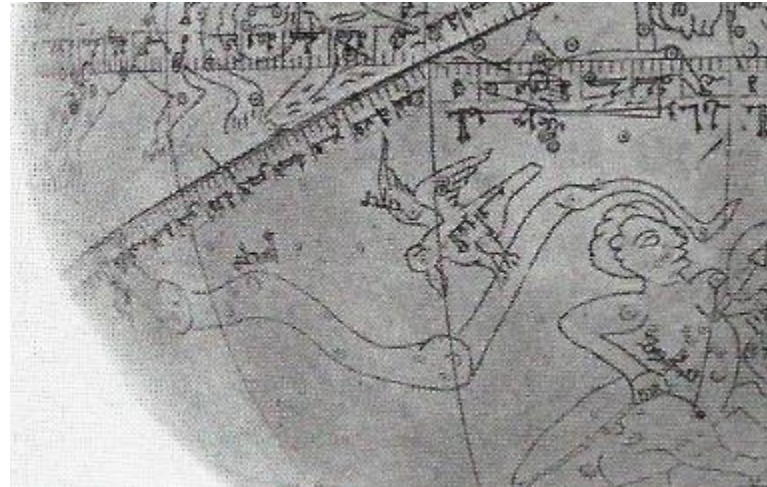
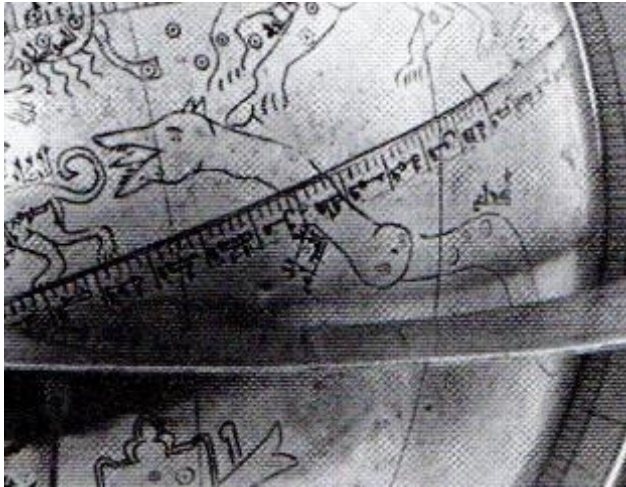
n.b. – heavily knotted Hydra as snake;  
Crater as chalice; Corvus pecking and  
facing front





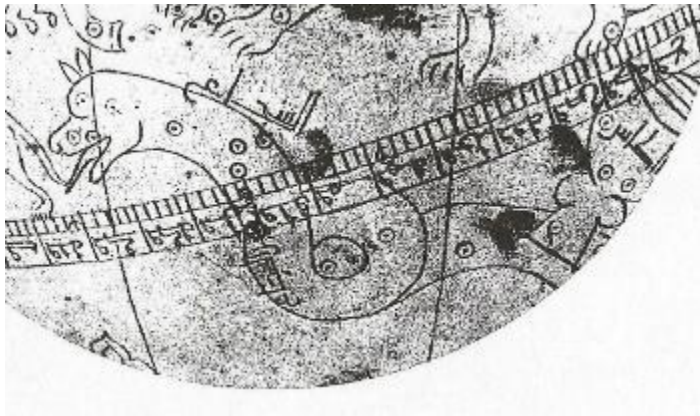
# Eastern Globes

# Hydra



Florence, Mus delle Scienze, no. 2712  
dated 1025 AD

n.b. – Hydra as snake facing left w/ ears with raised head, curl in body; no Crater; Corvus faces front w/ wings open

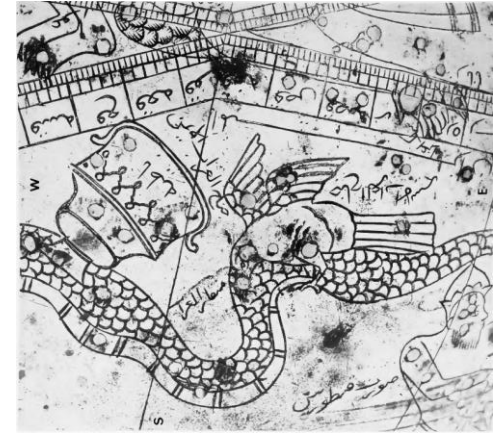
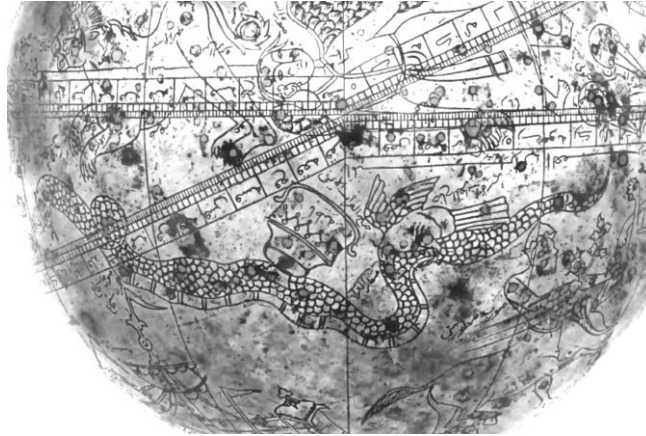


Paris globe GA 325

n.b. – Hydra as snake w/ ears with raised head, 2 curls in body; Crater as cup; Corvus faces front w/ wings open

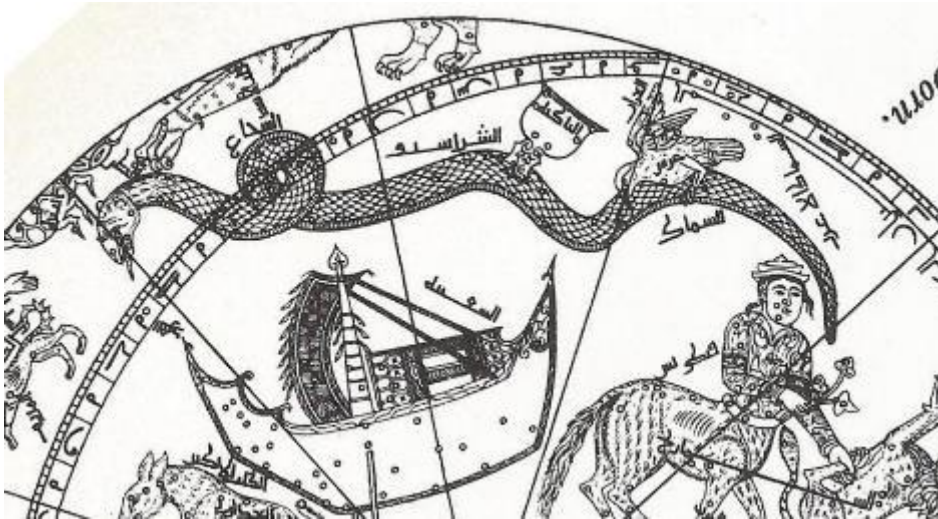
## Eastern Globes

## Hydra



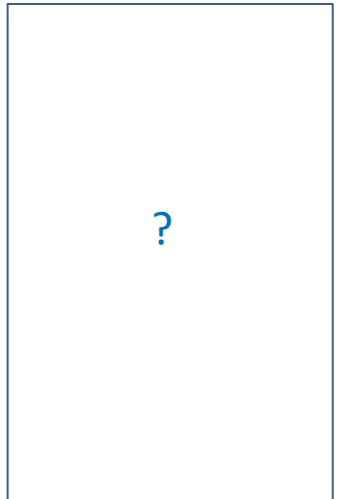
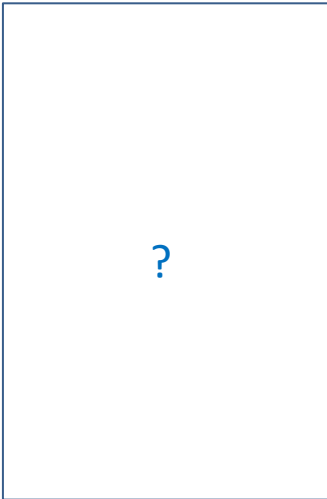
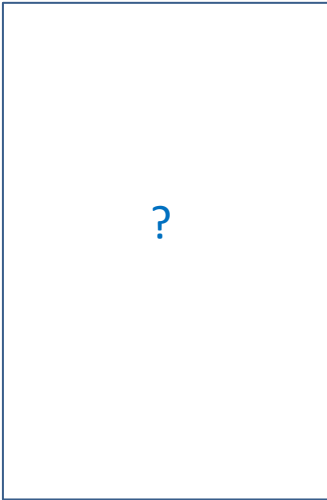
Smithsonian Mus, no 72-3085  
Cf: Savage-Smith 1985

n.b. – Hydra as snake facing left, curl in body; Crater as cup (?); Corvus pecking and faces front w/ wings open



BM – Malcolm globe  
similar



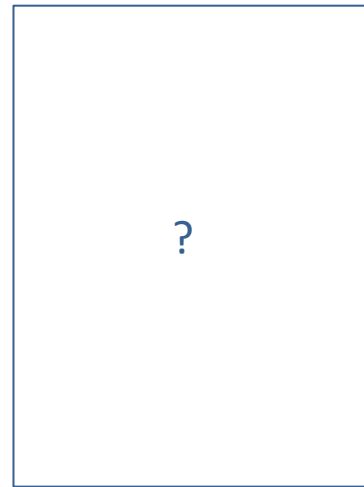


Istanbul, Topkapı Sarayı  
Ahmet II 3493  
1130-31 AD, Mayyafariqin, SE Turkey  
similar, Hydra w/curl; Crater as cup

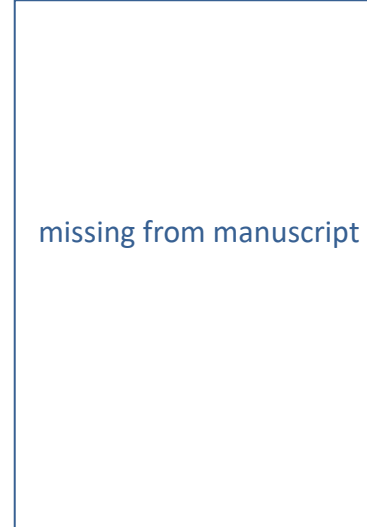
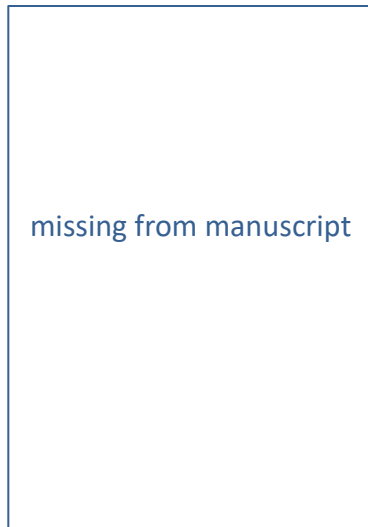
Oxford, Bodleian Libr  
Huntington Ms 212  
1170/71 AD; Mosul  
similar



Oxford, Bodleian Libr  
Ms Marsh 144  
1009-1010 AD; Shiraz (?), Iran  
**similar**

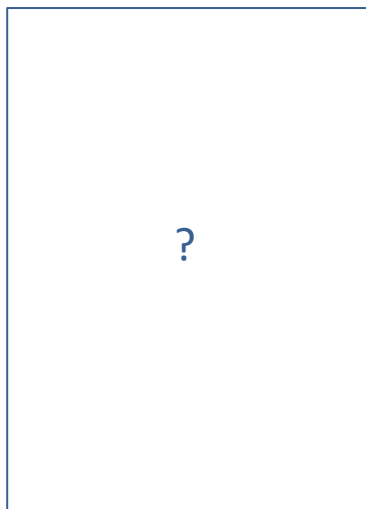
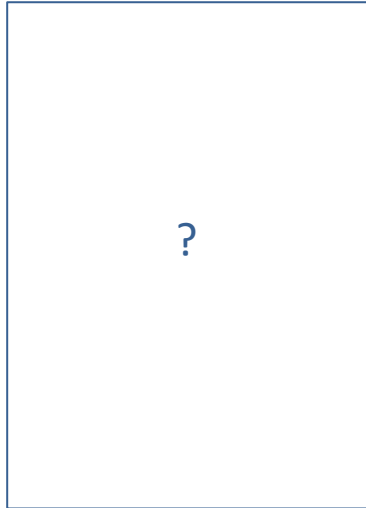


Berlin, Staatsbibl.  
Ms qu or 704  
c. 1203



Vatican, BAV  
Ross 1033  
1224 AD, Ceuta (?) N Africa  
similar

Berlin, Staatsbibl.  
Landberg 71  
Aug/Sept 1233; Mosul  
similar



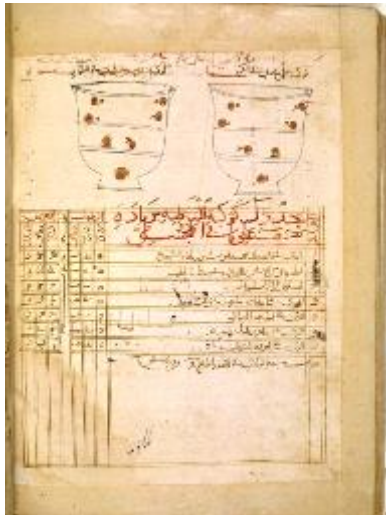
Istanbul, Suleymanie Libr  
Ayasofia 2595  
1249-50 AD; Alamut (?) Iran  
similar





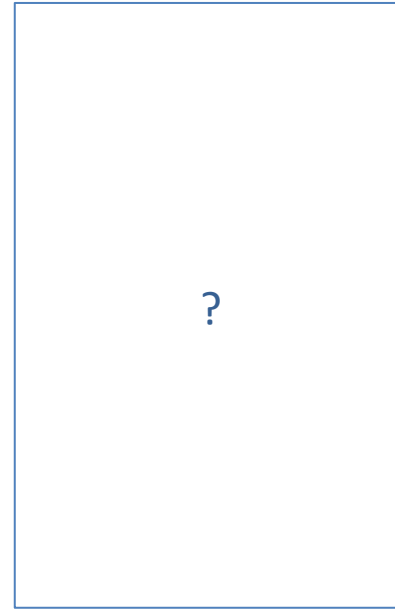
Paris BN  
Arabe 2488  
mid-13th C, Ceuta (?) N Africa  
n.b. – similar, Crater as 2-handled urn

Paris BN  
Arabe 2489  
1266-67 AD; Syria?  
n.b. – Hydra's head from top; Crater as 2-handled urn;  
Corvus pecking w/ wings open

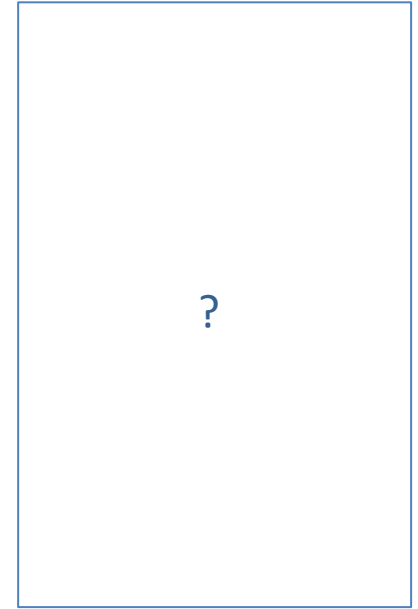


London BL  
Or 5323  
1260-80; Maragha (?), NW Iran

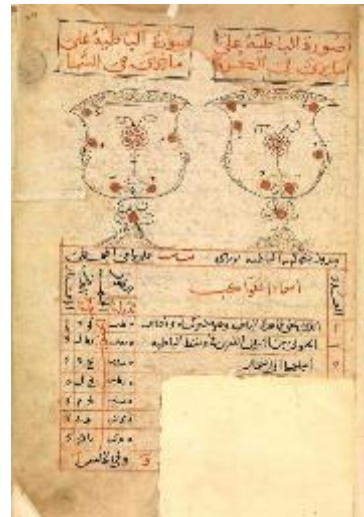
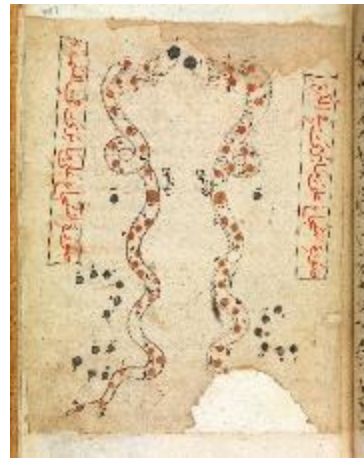
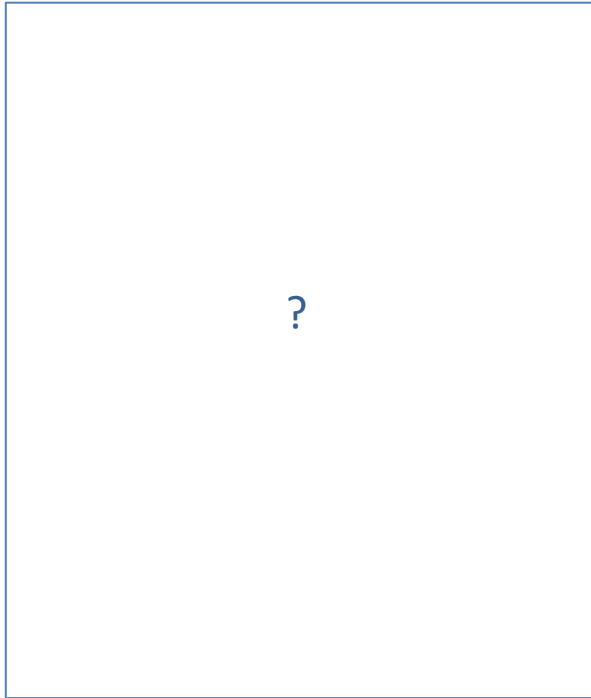
n.b. -- Hydra with dragon's head; Crater as banded cup



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

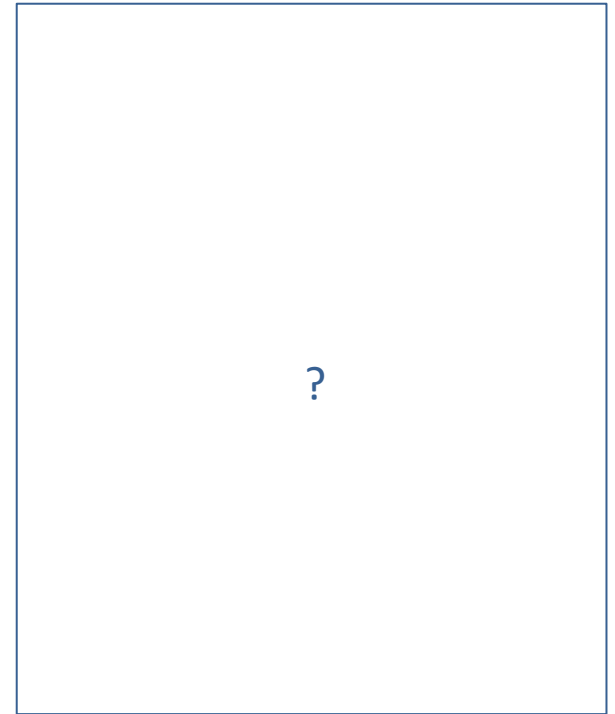
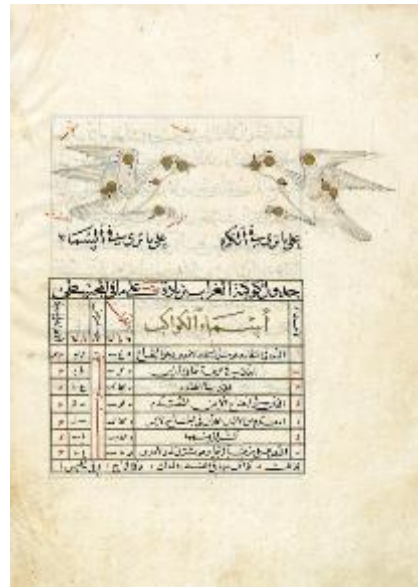
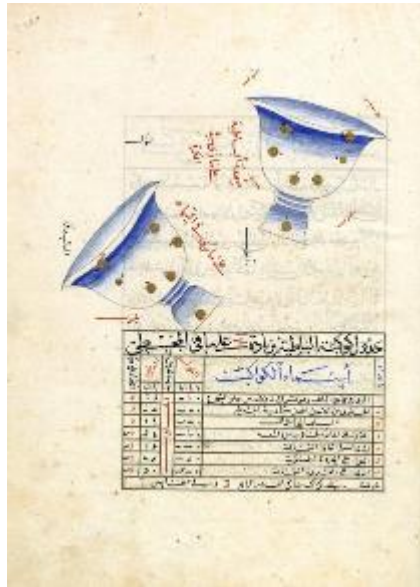
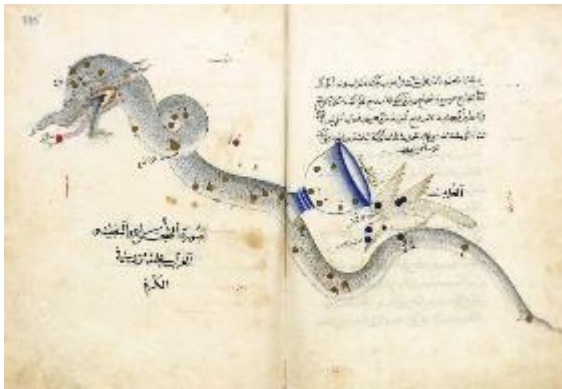


Oxford, Bodleian Libr  
Pococke 257  
1303/04; Aleppo



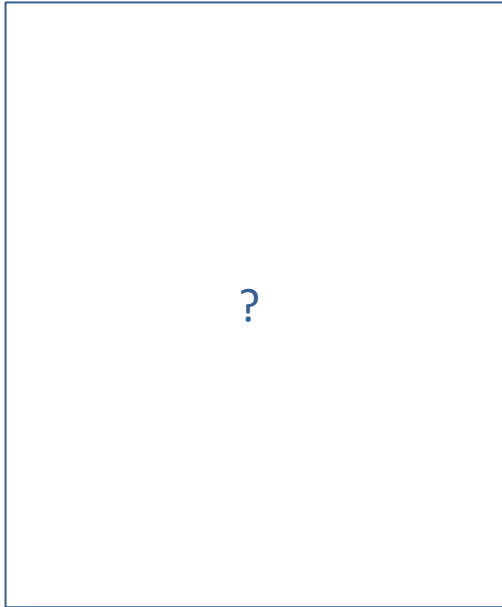
Escorial  
Ms 915  
20 March 1364 AD

NY, Metropolitan Mus  
Ms 13.160-10 (Rogers Fund 1913)  
c. 1400, Samarkand  
n.b. – very ornate Crater



Paris BN  
Ms arabe 5036  
c. 1430-40, Samarkand  
n.b. – Crater as blue-and-white cup; white Corvus

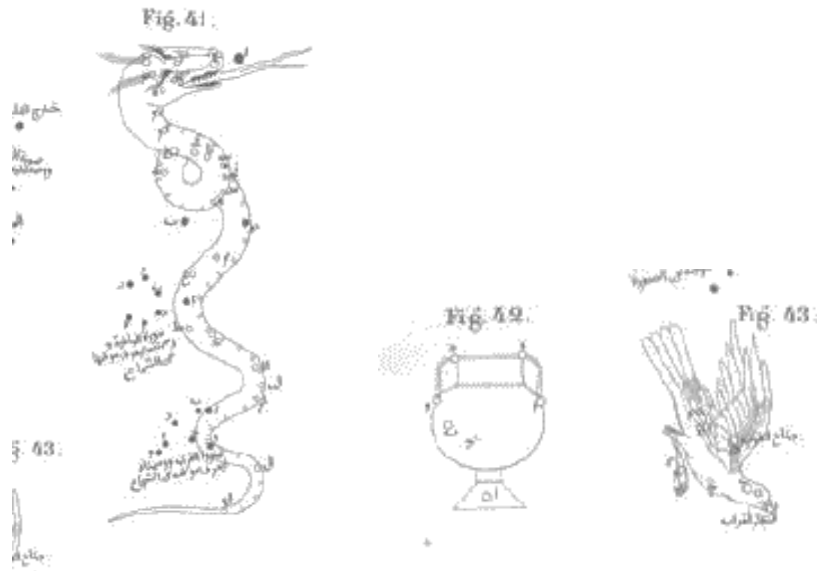
Bologna, Bibl. Univ  
Ms 2953  
8 Oct 1500 AD



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

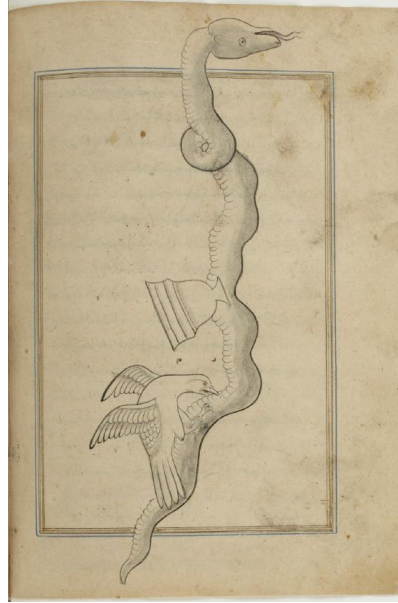
Paris BN  
Arabe 2490  
1516/17 AD

n.b. – Crater as elaborate chalice; white Corvus looking up

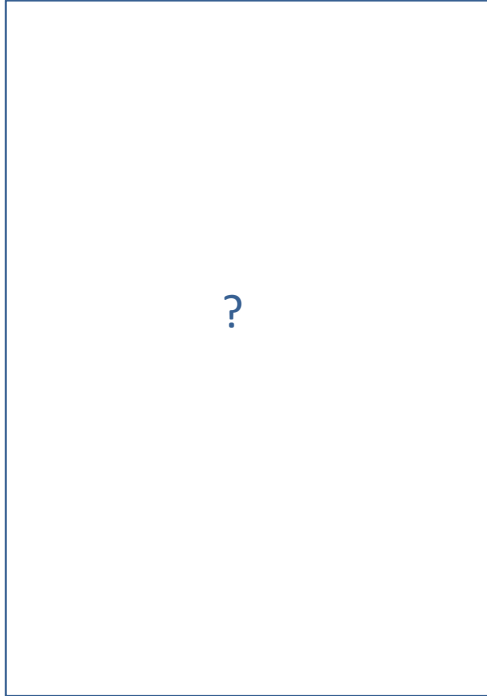


St Petersburg, Inst Or Studs  
Ms n.s. 191  
16th C; Istanbul ?  
similar

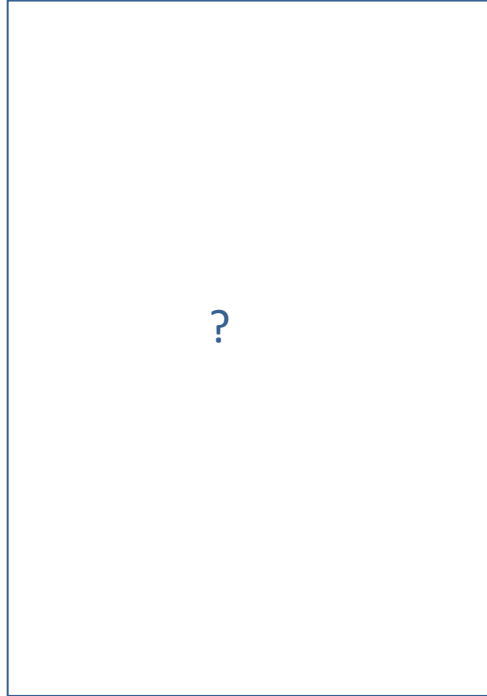
Princeton, Univ Libr  
Ms Garrett 2259 Yehuda  
al-Sufi, dated 3 Jan 1607  
similar



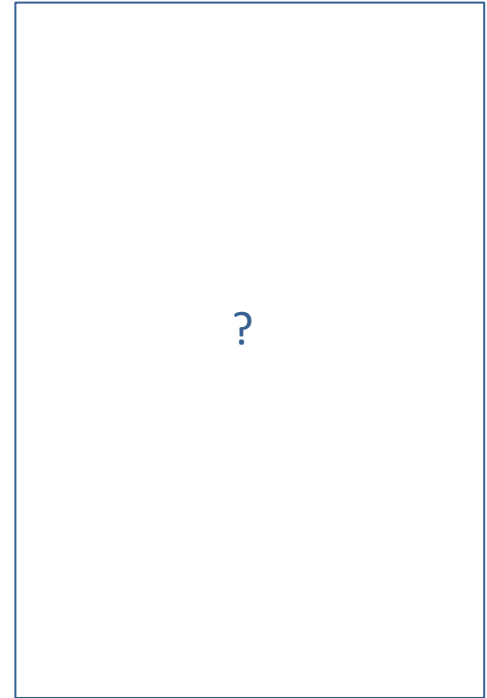
Paris BN  
 Arabe 6528  
 India, 1643-44  
 n.b. – Hya, Crt and Crv depicted together and Crater and Corvus separately



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

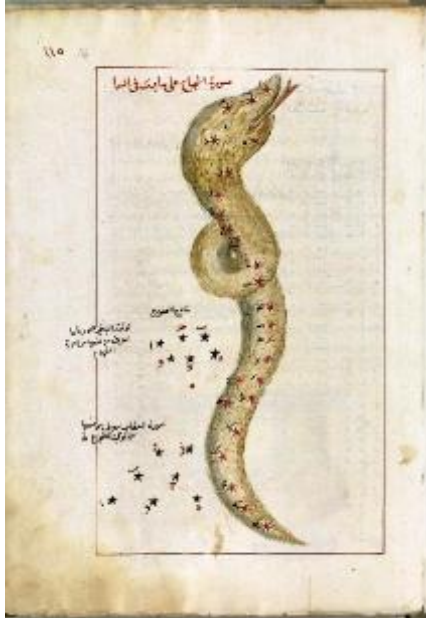


London BL  
Add ms 7488  
16th C



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. – Hydra with single curl; Crater as jar; Corvus wings open and head raised



Paris BN  
Arabe 2491  
1770 AD

n.b. – Crater elaborate, flying Corvus

Paris BN  
Arabe 2492  
18th C

n.b. – Crater lobed urn; Corvus pecking



New York, Met Museum of Art  
Ms 1975.192.2  
attr. Iran (?), 18th C  
similar, **Corvus flying**

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

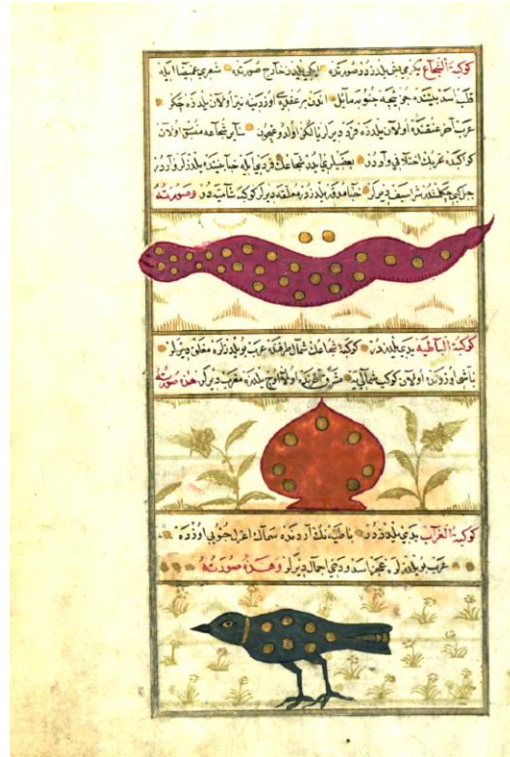
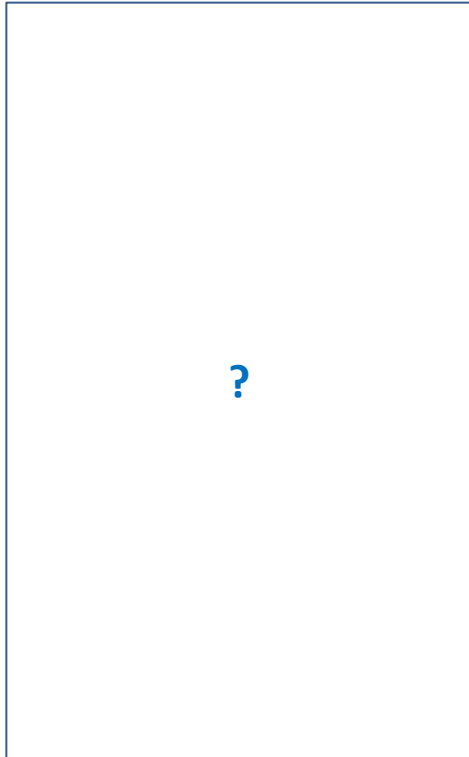
Hydra



al-Sufi, at-Tusi transl???



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



Baltimore, Walters Art Gall  
 Ms W 359  
 Qazwini –  
 n.b. – Hydra as slug; Crater as shield



Paris BN  
 Arabe 2178  
 1762-63 AD –  
 n.b. – Hydra with ears, Crater with handles



Washington DC, Freer  
Ms 1954 -52 (ex-Sarre)  
Qazwini

n.b. – Hydra w/ heart-shaped knot; Corvus as pigeon

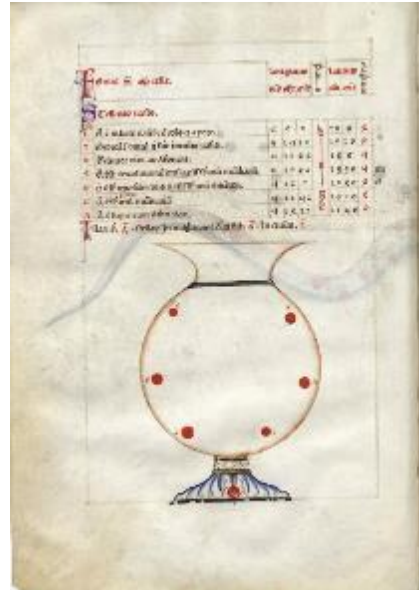
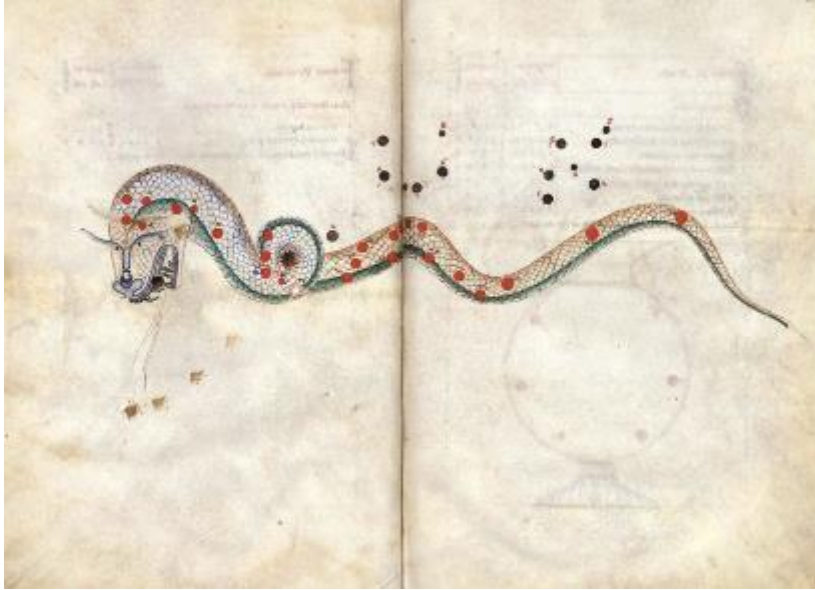
# Sufi latinus – I

# Hydra

stellatio ydre et est species serpentium etiam nominatur asuia id est secures

stellatio vasis

stellatio corvi



Paris, Bibl Arsenal

Ms 1036

n.b. – Hydra facing to left with dragon's head and single curl in body; Crater as round-bellied; Corvus w/ wings open



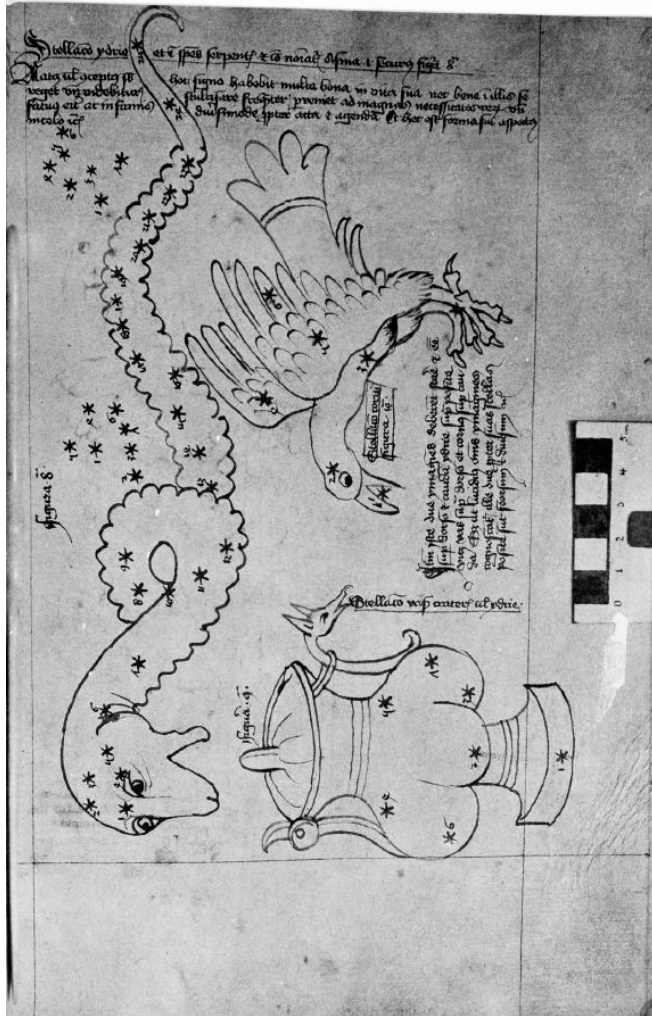


missing from manuscript



Munich, Staatsbibl  
CIm 826

Gotha, Forshungsbibl  
Membr II 141  
same

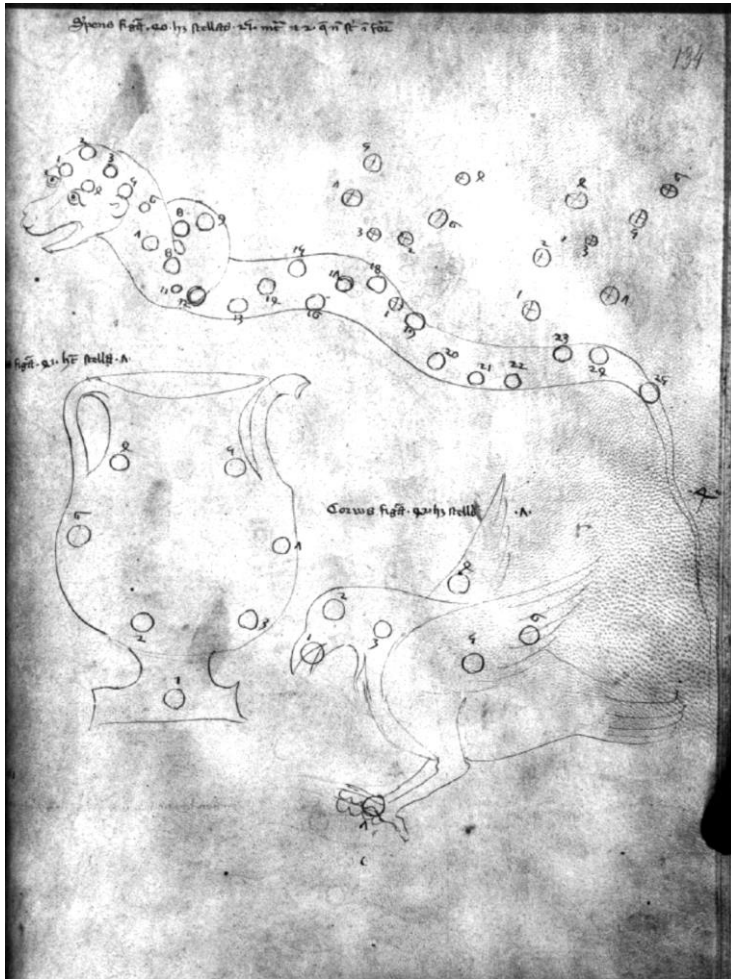


Catania, Bibl Univ  
Ms Univ Ar, 387

n.b. – Hydra with curl; Crater with animal-head  
spout; Corvus wings open



Vienna, ONB  
Cod 5318  
same



Bernkastel-Kues, Nicolaus hosp.

Ms 207

n.b. – Hydra with curl; Crater w/ spout; Corvus w/ wings open

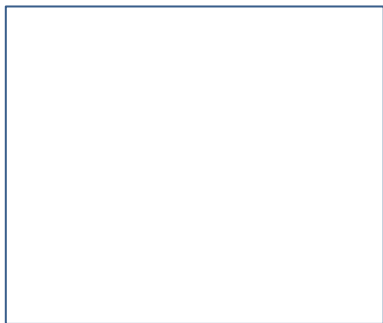
# Alfonsine iconography

# Hydra



El Escorial  
Ms h 115n.b. – Hydra with single curl; Crater with two handles, Corvus flying

1 more Hydra; 2 more Crater, 1 more Corvus



Vatican BAV  
Reg lat 1283a



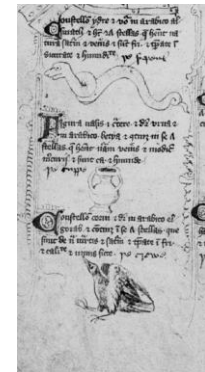
Vatican BAV  
Vat lat 8174 same  
Ydro ... e chiamasi in latino ydre e in arabico alsuah



Vaso ... e chiamasi in latino vas et in arabico alvatia alquia



Corbo... e chiamasi in latino corvus et in arabico alqurab



Los Angeles, Getty Mus  
Ms Ludwig XII, 7





Oxford, Bodleian Libr  
Rawl C 117

n.b. – Hydra as 2-legged dragon with knot in neck, curled tail with end pointing upwards

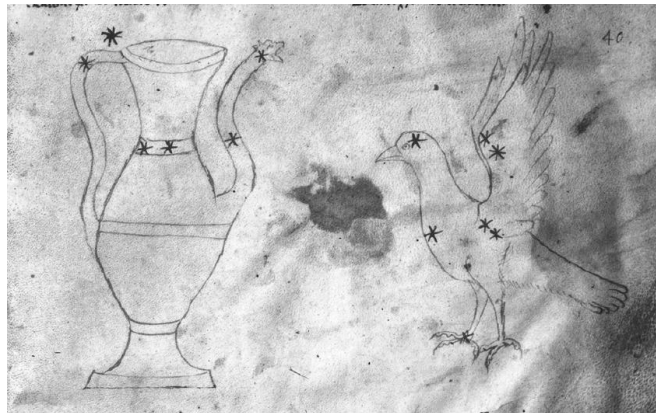
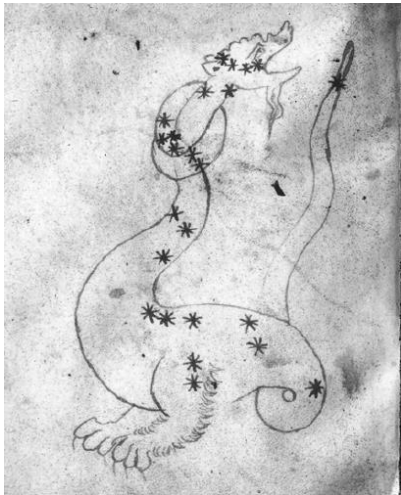
stellacio ydre et est serpens serpentium et nominator aluia (?)

n.b. – Crater with spout

stellacio vasis

n.b. – Corvus with one wing raised

stellacio corvi



Vatican, BAV  
Urb lat 1399

n.b – Hydra as 2-legged dragon w/ with knot in neck and tail vertical ; Crater as pitcher w/ spout Serpens

Oxford, Bodleian Library

Can misc 554 n.b. – Hydra in two versions: 1) as dragon with knot in neck and 2) with Crt and Crv; Crater with animal spout and handle; Corvus with wings raised



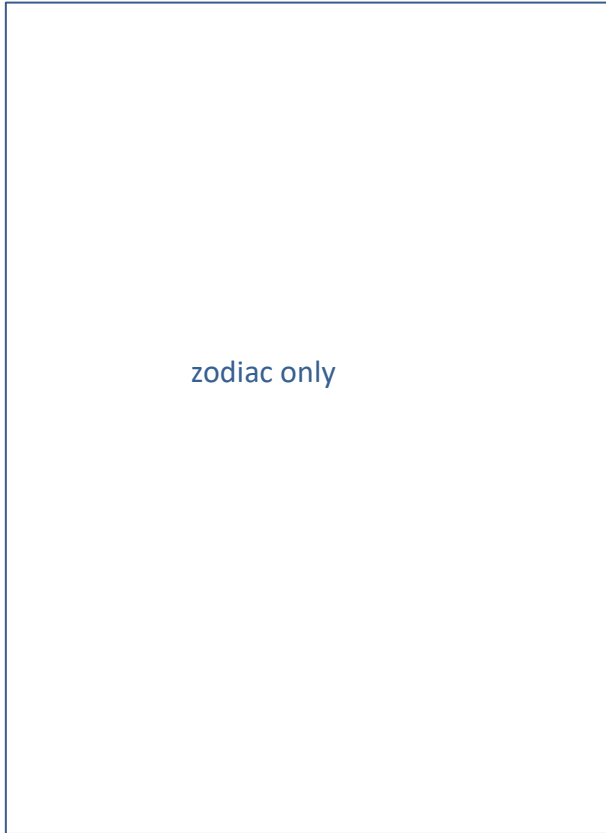
Bergamo, Bibl A Mai  
Ms Σ II 2

n.b. – Hydra w/ knot in neck and trefoil tail; Crater  
with spout; Corvus pecking and wings open

Stellatio ydre et est erpens serpentum et iam  
nominator alia

Vatican, BAV  
Vat lat 3099  
same





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

# 'Ptolemaic' stellar tables / picture books

# Hydra



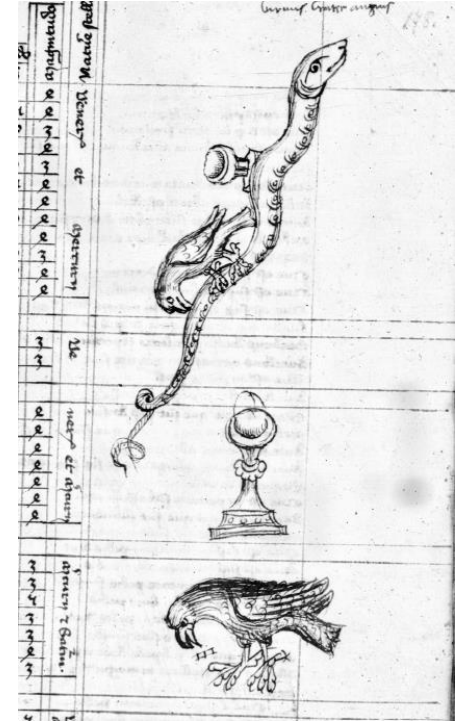
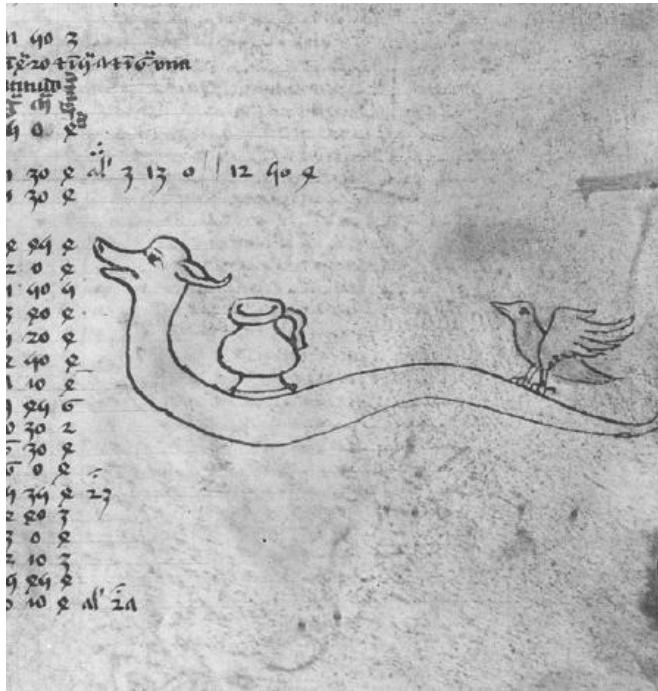
Brussels, Bib Roy  
Ms 10117-26

Vatican BAV  
Pal lat 1368

n.b. — Hydra as snake with 3 fronds on head; Corvus faces tail  
Stellatio ydre serpens serpentis

# 'Ptolemaic' stellar tables

# Hydra



Vatican BAV

Pal lat 1377

n.b. – Hydra as snake w/ ears; Crater as pitcher w/ one handle; Corvus faces front w/ wings open

Torun

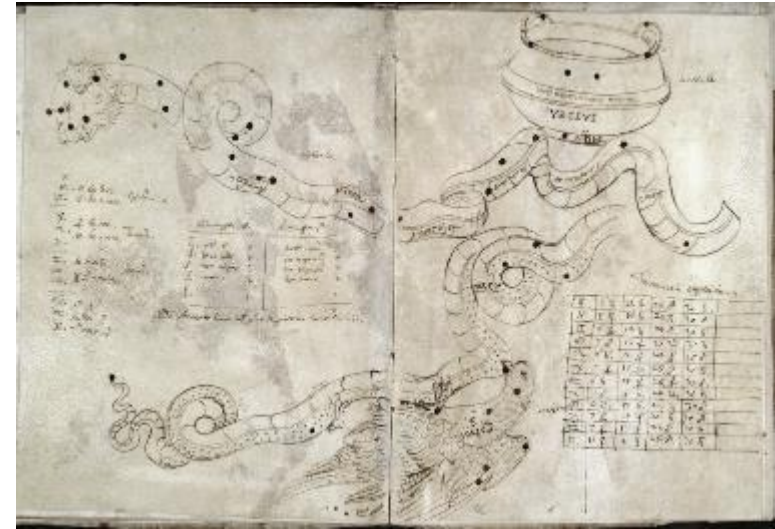
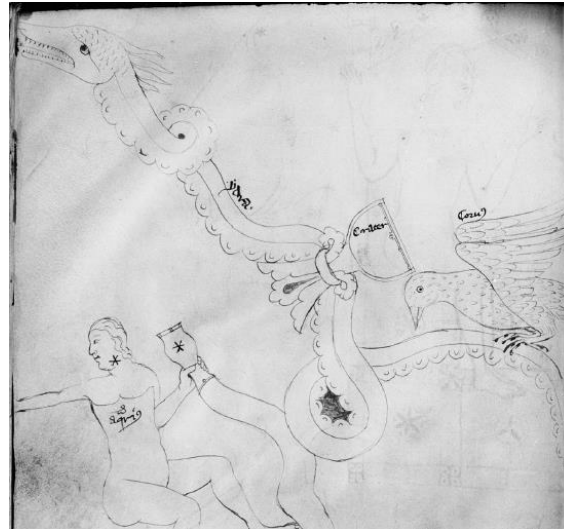
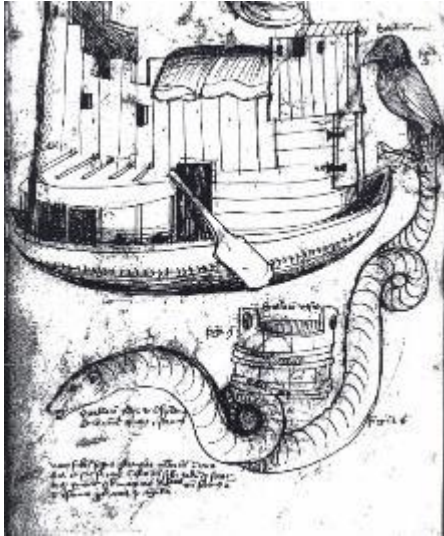
Ms 35

n.b. – Hydra as snake, Crater as chalice,; Corvus facing tail and pecking



?

Augsburg, Univ-bibl.  
Cod II 1.2o 110



Cambridge MA  
Houghton, Typ 43

n.b. – Hydra as worm w/ ears;  
Crater as bucket; Corvus sitting  
on top of tail

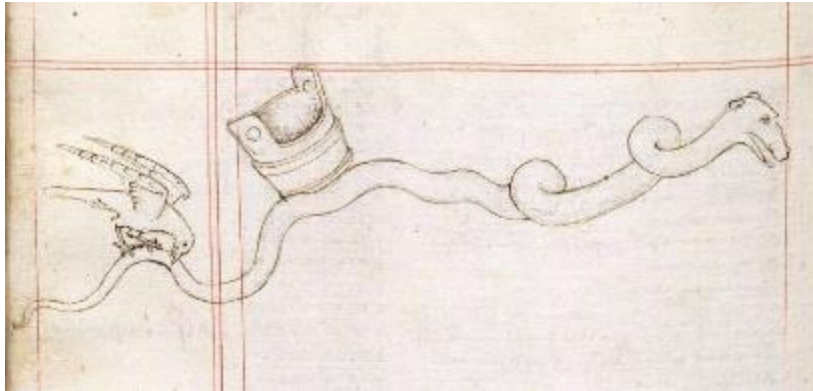
Stellatio ydre et est serpentium et  
Ideo nominator asuan (?) id est  
steurs (?)

Basle, Univ-Bib  
Ms F. II. 33

n.b. – Hydra w/ 2 curls; Crater as  
chalice; Corvus facing  
forward, pecking

Florence, BNC,  
Ms Angeli 1147

n.b. – Hydra with 3 curls; Crater as bucket; Corvus facing  
forward and pecking; note that Hydra is cut after Crater =  
copied from a hemisphere or globe hemisphere?



Vienna ONB  
Vienna 5415

n.b. – Hydra w/ 2 curls; Crater as bucket; Corvus facing front pecking

second Crater as vase; second Corvus standing w/ wings open

Stellation ydre et est spereneds (?) serpentius et iam nominator assugra [...] asuina ...

Stellatio vasuis alheb id est vas vel Crater Cypsius ydre vel urna

Stellatio corvi algrab arabice

southern hemisphere  
similar , but reversed

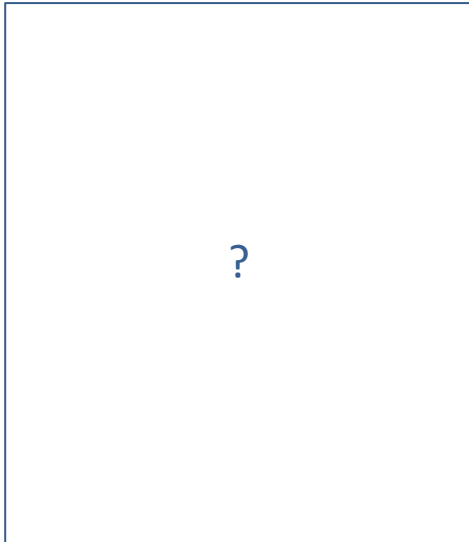


Philadelphia, U Penn  
Ms LJS 57

Vienna, ONB  
Hebrew 132



southern hemisphere



Padua, Univ . Bibl.  
Cod 896

n.b. – with CrB, kneeling, both hands raised



Vatican BAV  
Urb lat 355

n.b. – Hydra w/ 2 curls; no Crater, no Corvus



Vatican BAV  
Vat lat 1650

n.b. – Hydra is uncharacteristic, more like  
Ophiuchus's snake

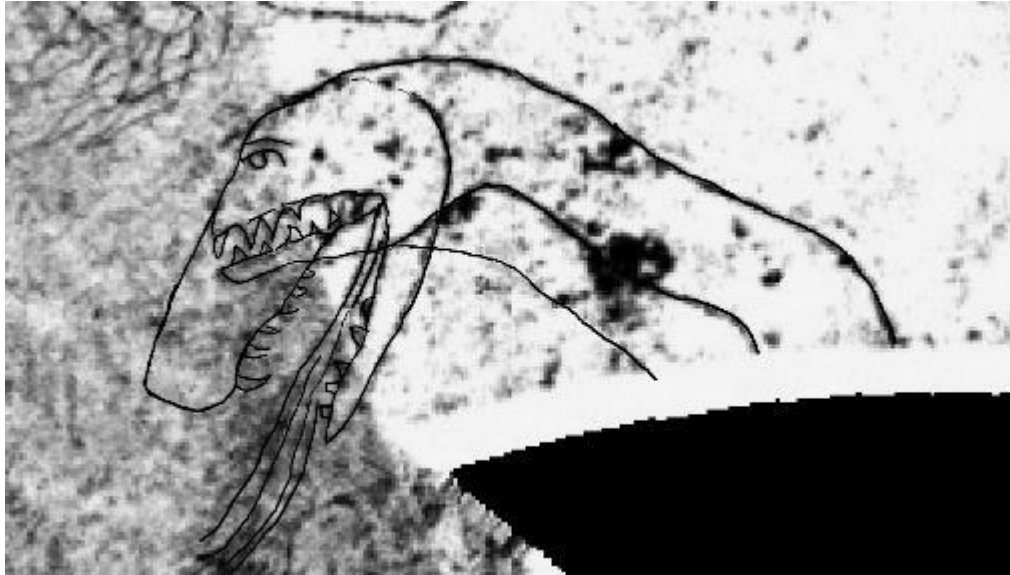




Bernkastel-Kues  
St Nicholas-Hospital  
Ms 212 (hemispheres)  
n.b. – Hydra's head in separate  
hemisphere; Corvus faces tail



Darmstadt, , Univ- and Landesbibl.  
Ms 1020  
northern hemisphere  
n.b. – Hydra w/ ears; Crater as cup; Corvus pecking and facing forward



Cusanus globe

n.b. – drawing overlay by Petr Hadrava

© Petr Hadrava





Mantle of Henry II  
Regensburg, c. 1020  
Bamberg, Domschatz

n.b – Hydra flat, Crater as cup, Corvus faces forward

summer hemisphere



Seven-headed beast from the Angers Apocalypse, c. 1377-82  
© Sonia Halliday Photo Library



Antonio Pollaiuolo  
Hercules and the Lernean Hydra  
c. 1475  
Florence, Galleria degli Uffizi  
Wikimedia Commons © The Yorke Project (2002)