

N Italian Group – Ia.



Munich, Staatsbibl

Clm 10268

n.b. – walks to left, tail down



Oxford, Bodleian Libr

Bodley Ms 266

same

N Italian Group – Ib.



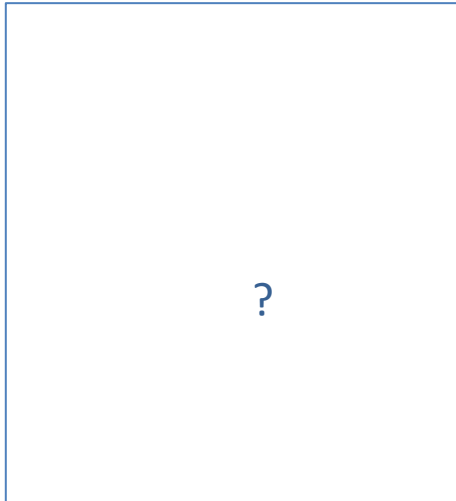
Vatican, BAV  
Vat lat 4087 A



St Petersburg, Nat Libr  
Ms lat F V IX, no. 1

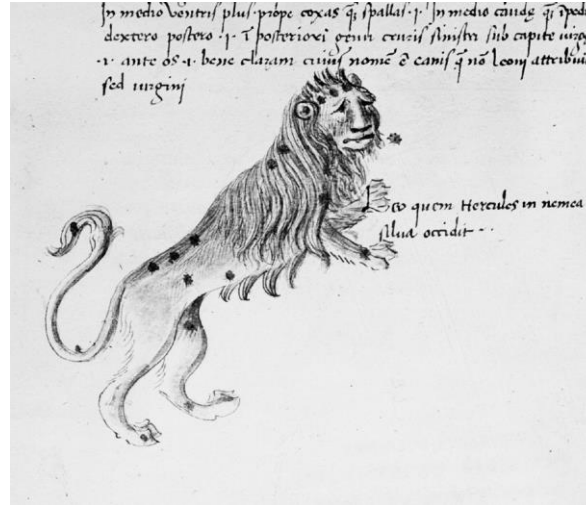
n.b. – stand to left, right paw raised, very long tail hanging down

N Italian Group – Ic.



Warsaw, BN,  
B Baw 46

N Italian Group – Id.



Vienna, ONB  
Vindob 3394

n.b. – Leo climbing to right, S-shaped tail up; note extra text to right

N Italian Group – Ie.



Padua, Bibl Seminario  
Cod. 48

n.b. – Leo walks to right, one paw raised (note problem with front legs), S-shaped tail raised

Venetian Group – IIa.



London BL  
 Add 41600  
 n.b. – stands to left, tail down



London, Wellcome Coll  
 Ms 509  
 n.b. – walks to left, right paw raised,  
 long feathery tail raised (cf:  
 Hyginus/German star books, RAL Reg  
 lat 31324; DOAC Getty XII, 5)

Venetian Group – IIb.



Milan, Ambrosiana  
 Ms I 90 sup  
 n.b. – standing left, S-shaped tail  
 with large tuft



Bohemian Group – IIIa.



Vienna, ONB

Vindob 2352

n.b. – Leo stands to left, tail down



Vienna, ONB

Vindob 2378

n.b. – stands to left, long tail our behind

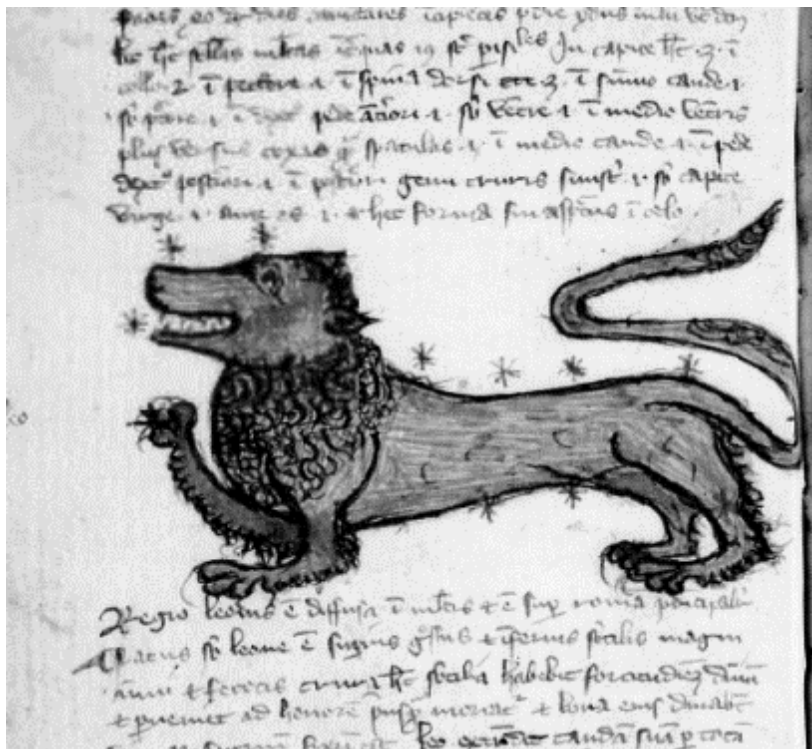
Bohemian – IIIa.



Prague NK,  
Ms III. C. 2

n.b. – Leo steps to left, right paw raised, tail down

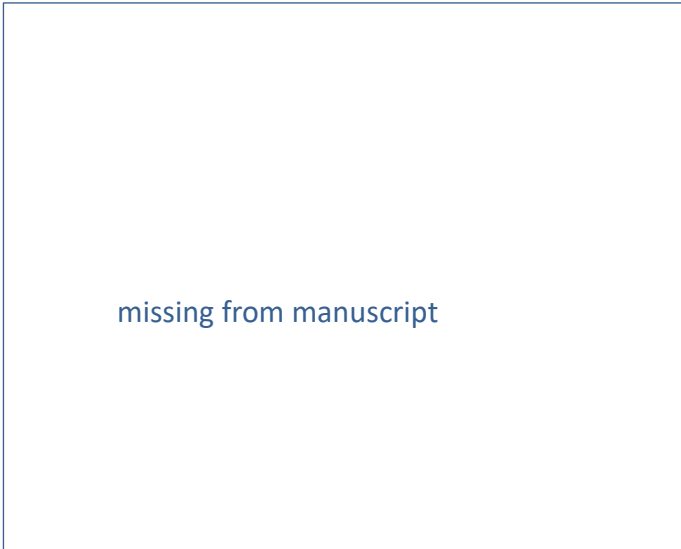
Bohemian – IIIb.



Paris BN  
lat 7408A

n.b. – Leo stands to left, right paw raised, S-shaped tail raised

Bohemian – IIIc.

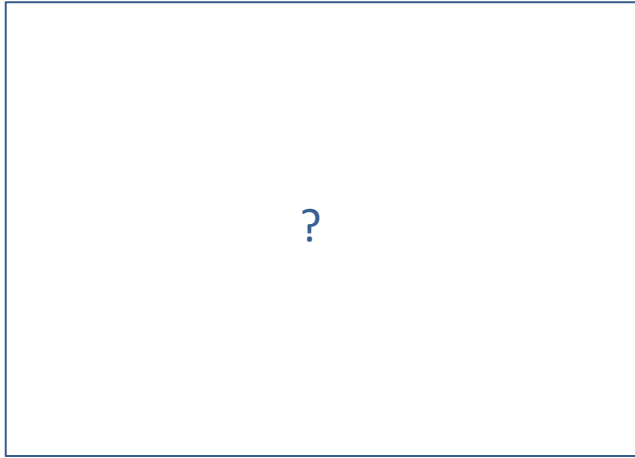


Vienna, ONB  
Vindob 5442

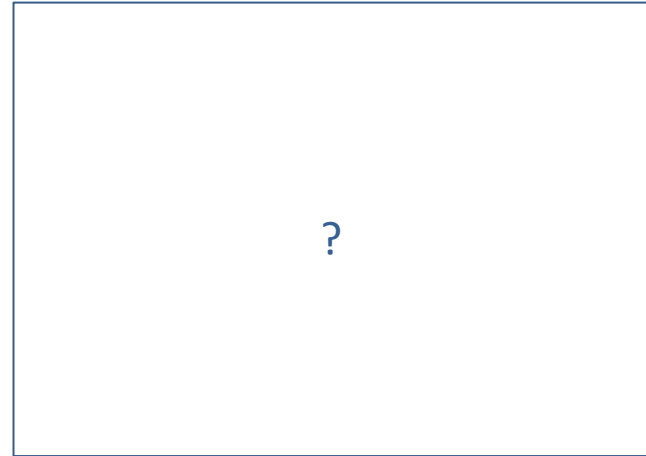
Bohemian – III d.



Cambridge, MA  
Harvard, Houghton  
Libr., Typ 43  
n.b. – crouching to left, S-shaped tail raised



Edinburgh, Royal Observatory  
Ms Cr 3. 23

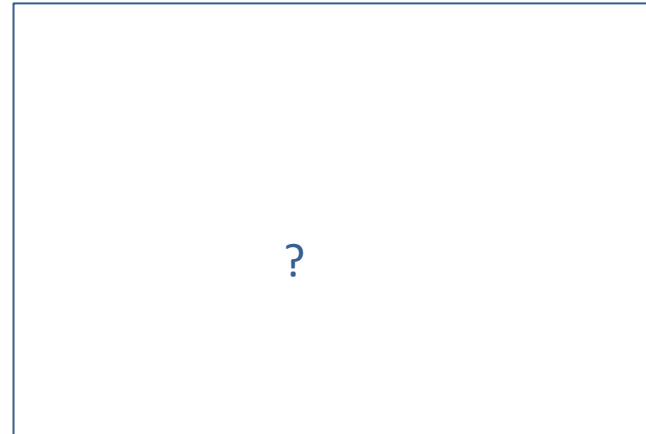


Florence, BNC  
Magl. XXII, 22



Klosterneuburg, Augustiner Ch-Stift,  
Ms CCI 125

n.b. – Leo leaps to left, tongue out, tail between legs  
with and above haunch



Krakow, Bibl Jagiellonska  
Rps 573





Prague, Narodni Knihova  
Ms XXXVI A 3

n.b. – Leo stands to left, right paw raised, tail down and with large tuft at end



Seville, Bibl Columbina  
Ms. 7.7.1

n.b. – Leo stands to right, tongue out, tail down



Michael Scot  
German mss – IVa.

Leo



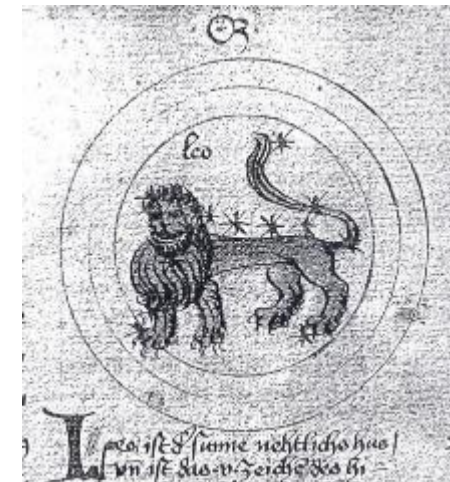
Darmstadt, Hess Hochschulbibl.  
Ms 266  
n.b. – Leo stands to left, tails raised above back



Berlin, Staatsbibl  
Ms germ fol 244  
n.b. – similar, elaborate tail

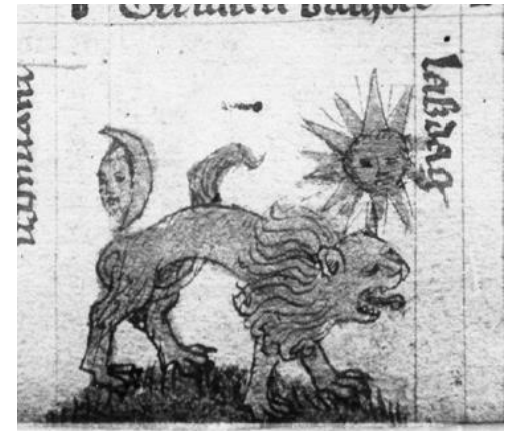
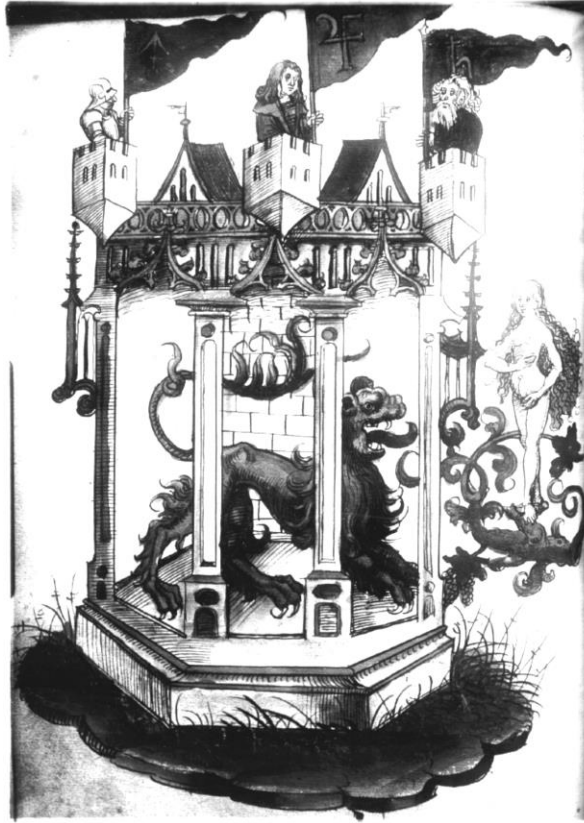


Salzburg, Studienbibl  
2 G 8/13  
stands to right, tongue out, elaborate tail raised



Vatican, BAV  
Pal lat 1370  
similar as Darmstadt

German mss – IVa.



Paris, BN  
Allem 106  
from calendar

prosopa

houses

tables



# Michael Scot

# Leo

## German mss – IVb.



Paranattellonta rota,  
northern (top) and  
southern (bottom)  
hemispheres



zodiac rota



Leo as child of Sol



calendar pages

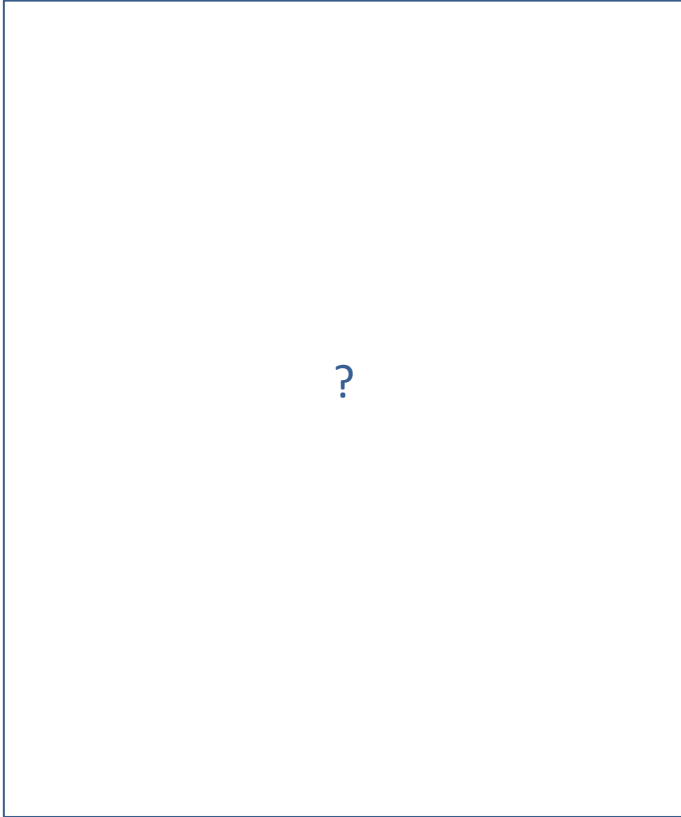


prosopa and astrology 12

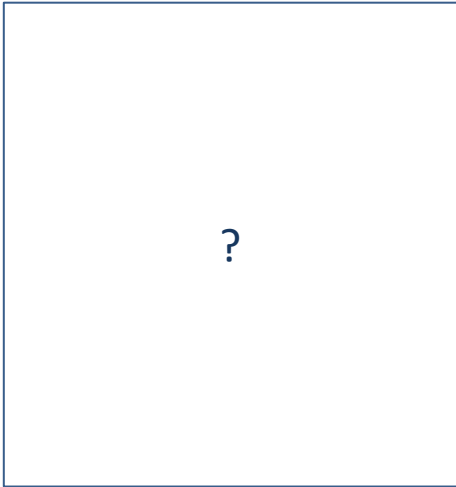
Michael Scot

Leo

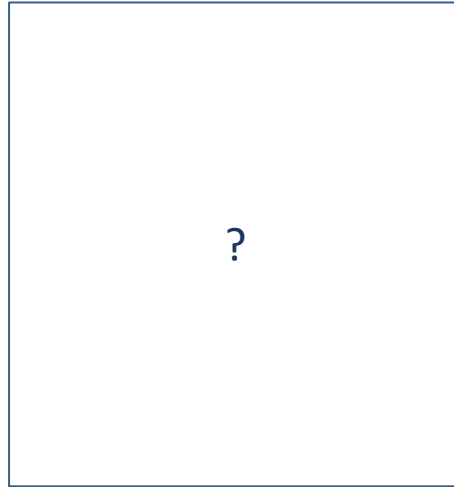
German mss – IVb.



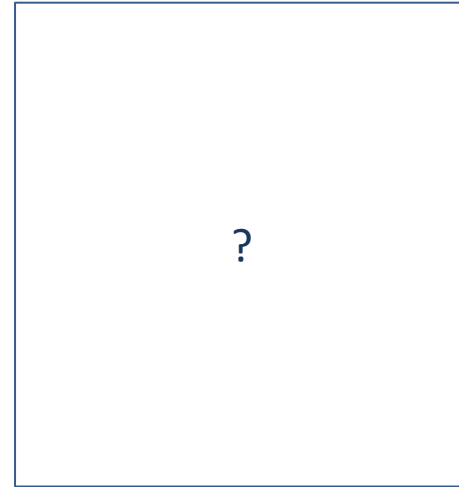
Wolfenbüttel, Herz Aug Bibl  
Ms Guelph 29 14 Aug 4°



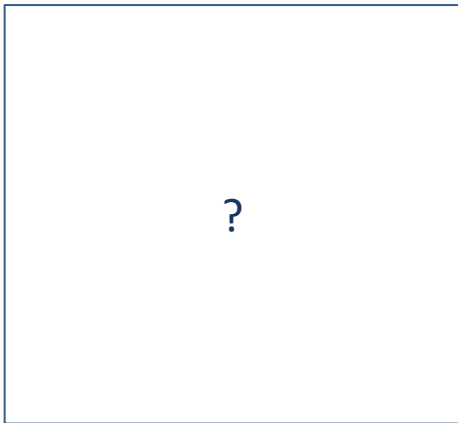
Coburg, Bayerisches Landesbibl.  
Ms 5



Edinburgh, Royal Observatory Libr.  
Ms Cr 4 6

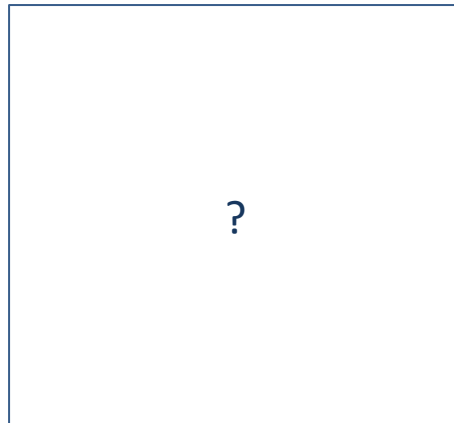


Freiburg, Univ-bibl.  
Ms 458

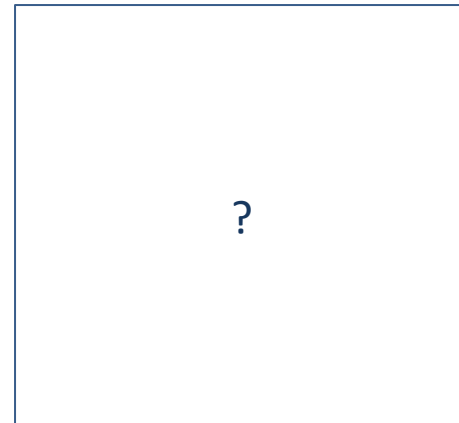


Heidelberg Univ-bibl.  
Pal germ 832

n.b. – Leo climbing tree, Crater as bucket



Karlsruhe, Badische Landesbibl.  
Ms K 2790



Nürnberg, Germanisches Nationalmus.  
Ms 7082



Venice: Ratdolt, 1482

Bartolommeo da Parma



Cambridge, Emmanuel College  
Ms 70

n.b. – Leo stands to left, mouth open, long tail hanging down

Metz, Bibl mun  
Ms 287

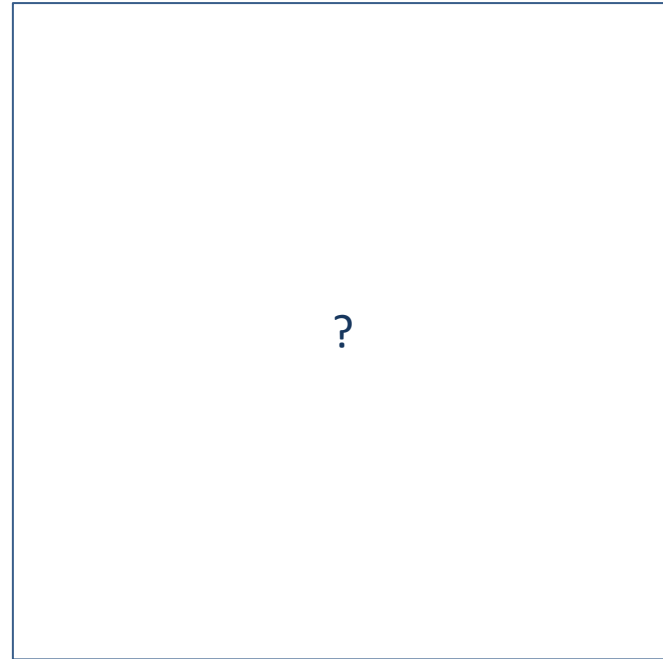
same

Fazio degli Uberti



Paris, BN,  
Ital 81

n.b. – Leo runs to left, tail down



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



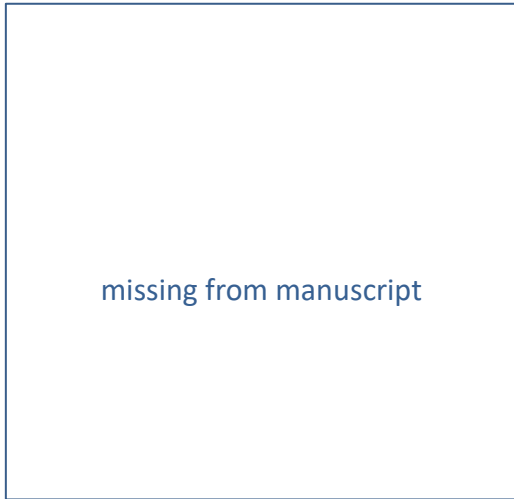
London, BL

Arundel Ms 66

n.b. — Leo stands to left, with right paw raised, faces viewer, S-shaped tail above back, very elaborate

Image from 1482 Hyginus = Michael Scot

Stellacio Leonis



St Gallen, Vadianische Libr  
Ms 427



Florence, Bibl. Riccardiana  
Ms 3011

n.b. – walks to right, left raw raised, tail  
down and lies under body



Madrid, BN  
Ms 9267

n.b. – stands to left, tail down between legs, note  
planetary signs around major stars



Ludovicus de Angulo



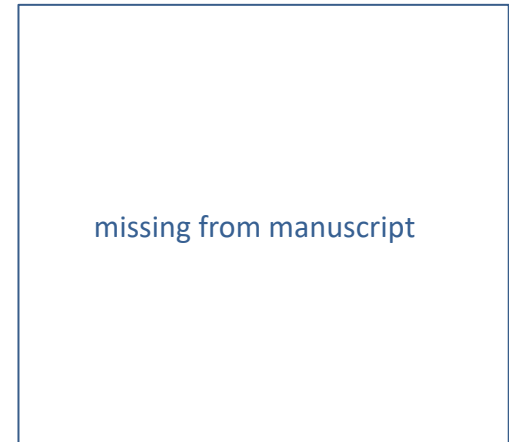
Paris BN  
Lat 6561

n.b. – Leo stands to left, facing viewer, tail between legs



Paris BN  
Fr 612

n.b. – Leo kneels on front knees, tail between hind legs with tip raised



Paris BN  
Lat 7344





Hague  
Ms 72.A.83  
n.b. – stands to left, left paw raised, tail behind



Hague  
Ms 128 C  
same



Paris, BN  
Lat 8865  
n.b. – similar, but S-shaped tail raised above back



Chantilly, Petit Château  
Ms 724 (1596)  
n.b. – stands to left, tongue  
out, s-shaped tails raised  
above back



Leiden, Univ-bibl  
Ms 1° 31  
similar, but raised right paw  
and tail behind



Ghent  
Ms 92  
similar, but left paw raised, tail  
behind



Wolfenbüttel, WDB,  
Ms Gud lat 1  
same





Vatican BAV  
Val Lat 3121

n.b. – Leo stands to right, with left paw raised, tail between hind legs with tip above haunch



Madrid, BN  
Ms 1983

n.b. – Leo leaps to right, U-shaped tail with tip above haunch



Fermo, Bibl. Com.

Ms 4

n.b. – leaps to right, U-shaped tail above haunch



Florence, Bibl. Laurenziana

Aedil 170

n.b. – Leo leaps to left, U-shaped tail behind



London, Lambeth Palace

Ms 35

n.b. – stands to left, right paw raised, tail between hind legs and rises upwards above haunch





Florence, Bibl Laurenziana

Plut 40 53

n.b. – Leo stands to right, U-shaped tail raised



detail from planisphere





cf. Beer 1932, p. 299  
(reversed)



n.b. – Leo leaps to the left, tail curls upwards; odd fleur-de-lis abobe his haunch = ivy leaf?

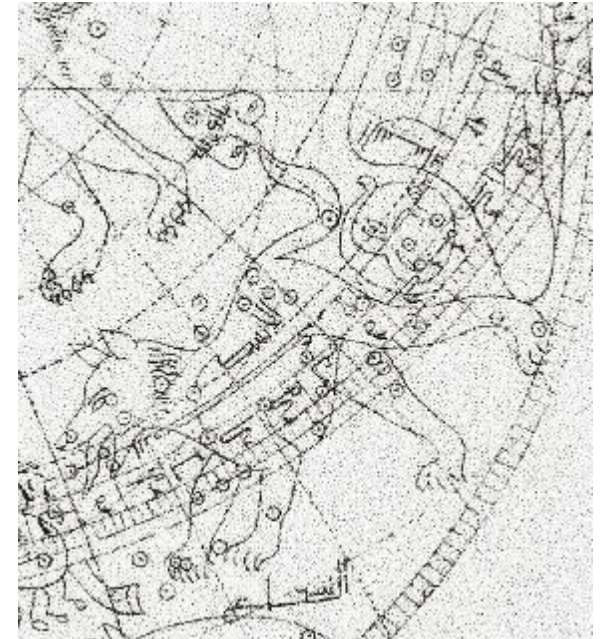
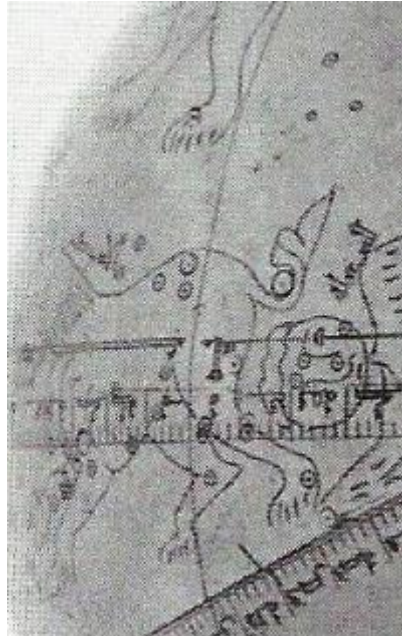
## Eastern Globes

## Leo



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

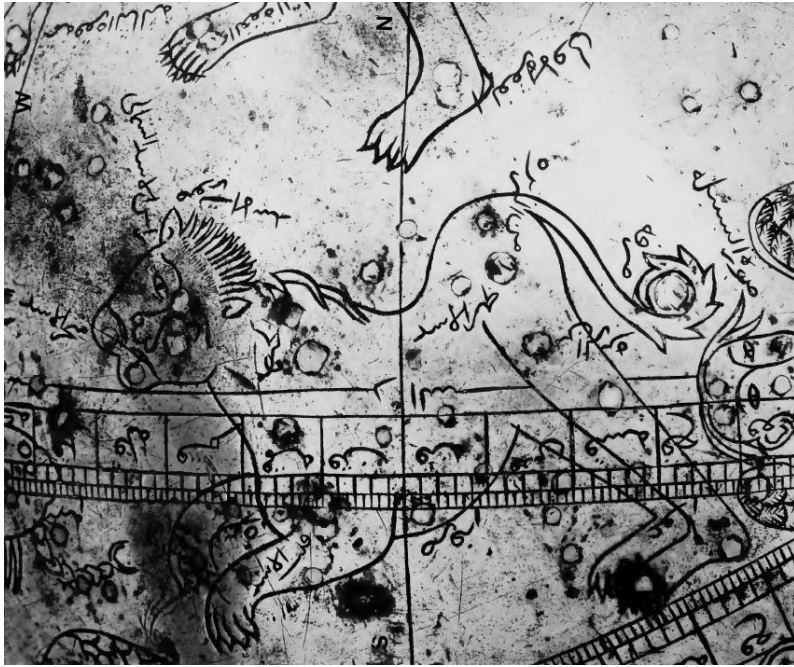
n.b. – Leo walks to left, tongue out, tail raised behind; note stars above haunch = 'ivy leaf' ?



Paris globe GA 325

n.b. – Leo leaps to left, tongue out, tail raised and tip is leaf-shaped = 'ivy leaf'

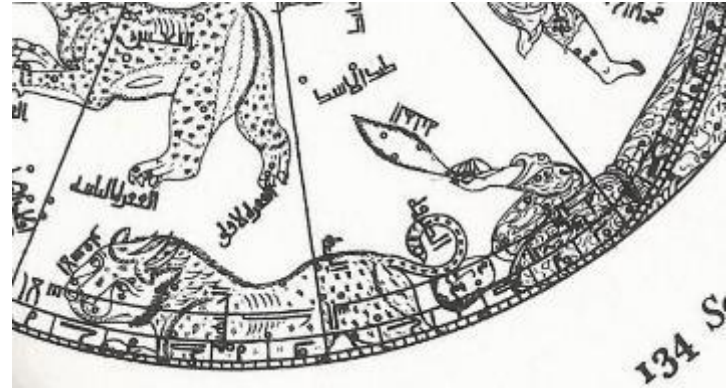




Smithsonian Mus, no 72-3085

Cf: Savage-Smith 1985

n.b. – Leo leaps to left, tail held down, ends in spiral, note 3 stars above haunch – ‘ivy leaf’ (?)

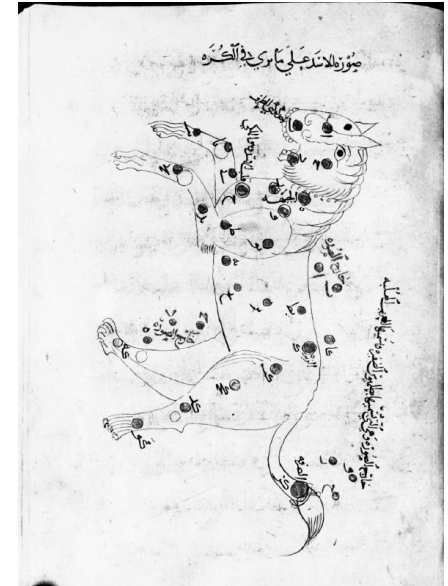
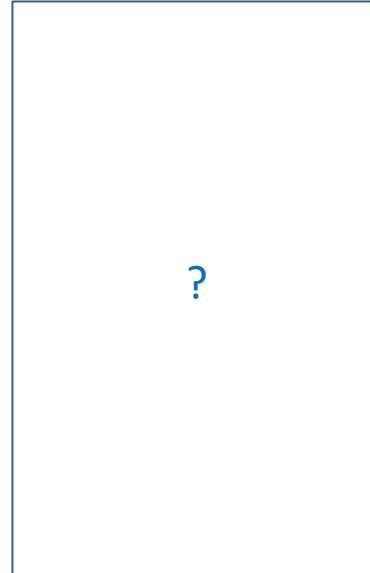


BM – Malcolm globe

similar

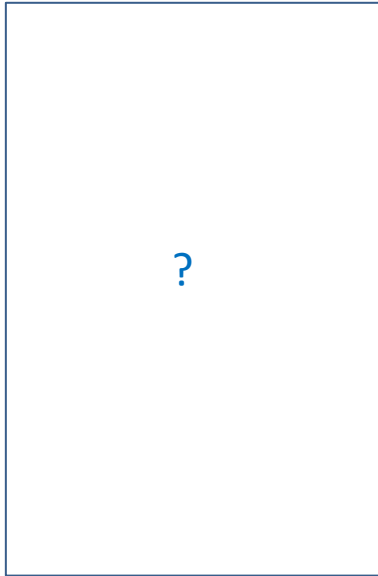


Doha, Mus of Islamic Art  
Ms 2. 1998. SO (= Sotheby's 1998, lot 34)  
Dated April 1125 AD; Baghdād  
n.b. – Leo walks, faces viewer, U-shaped tail raised behind

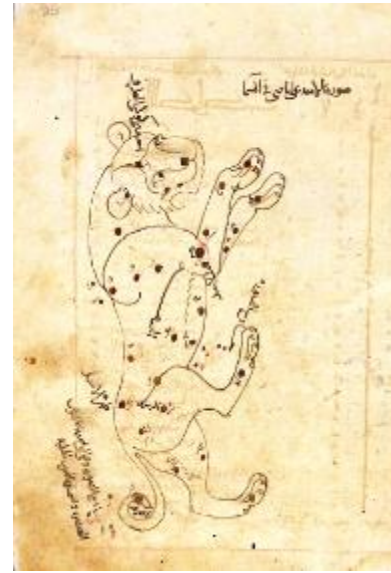


Istanbul, Süleymaniye Libr  
Ms Fatih Kütüphanesi 3422  
1125/26 AD; Mārdin  
n.b. – similar, but paws bent (leaping) and tail flatter



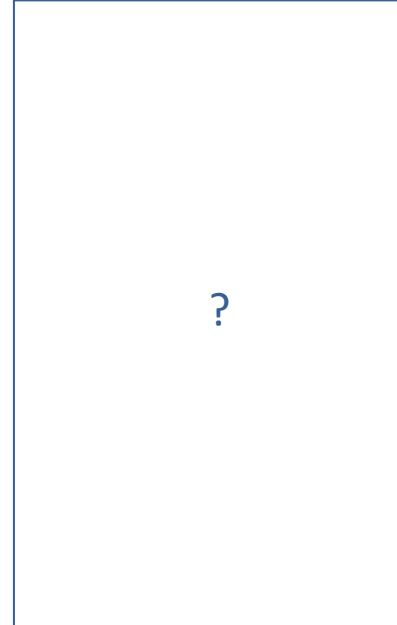
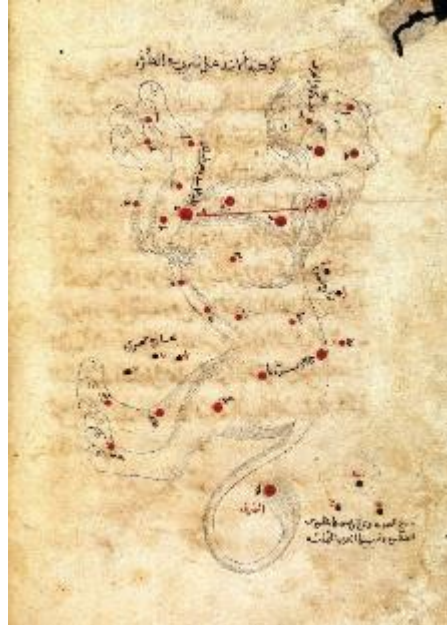


Istanbul, Topkapī Sarayī  
 Ahmet II 3493  
 1130-31 AD, Mayyafariqin, SE Turkey  
 n.b. – Leo leaps to left, U-shaped tail raised, stars above ('ivy leaf')



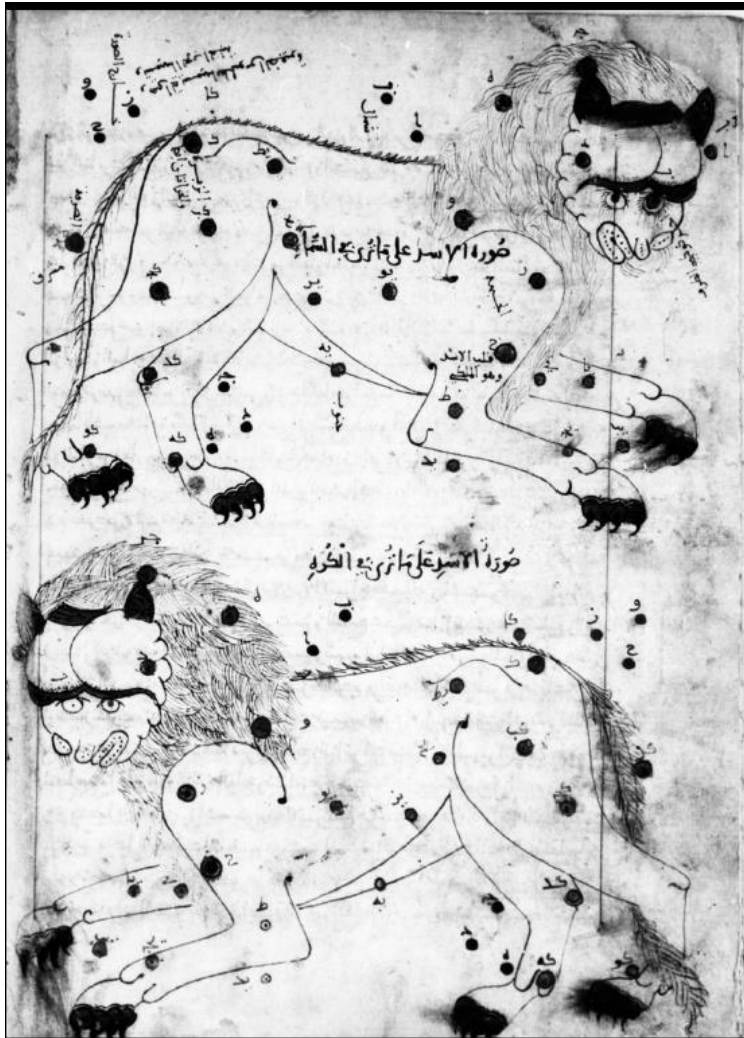
Oxford, Bodleian Library  
 Huntington Ms 212  
 1170/71 AD; Mosul  
 Similar, but tip of tail curled





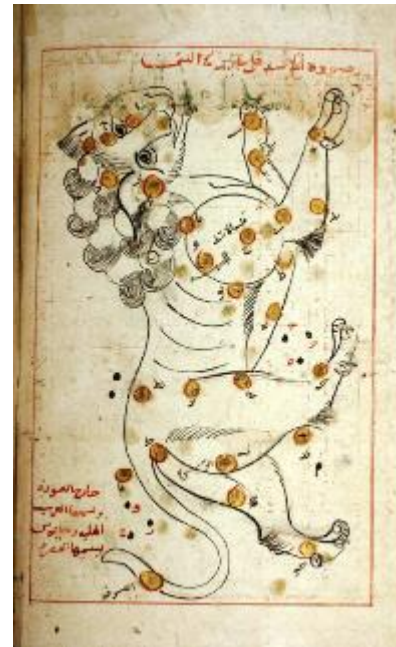
Oxford, Bodleian Libr  
Ms Marsh 144  
1009-1010 AD; Shiraz (?), Iran  
n.b. – similar, tail curled, stars for 'ivy leaf' above

Berlin, Staatsbibl.  
Ms qu or 704  
c. 1203



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

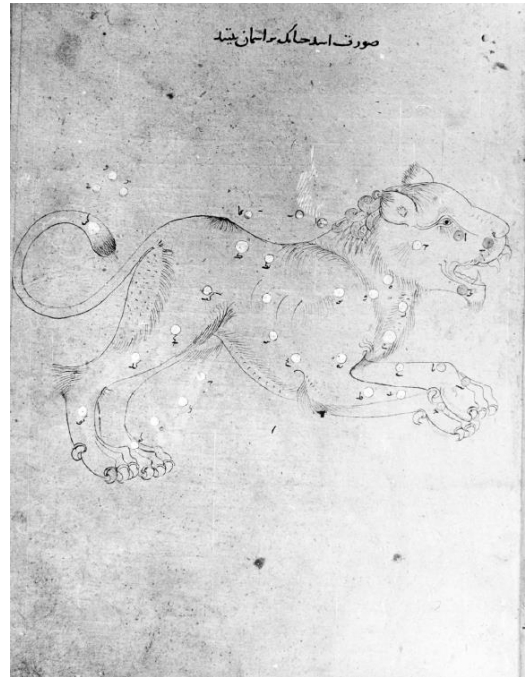
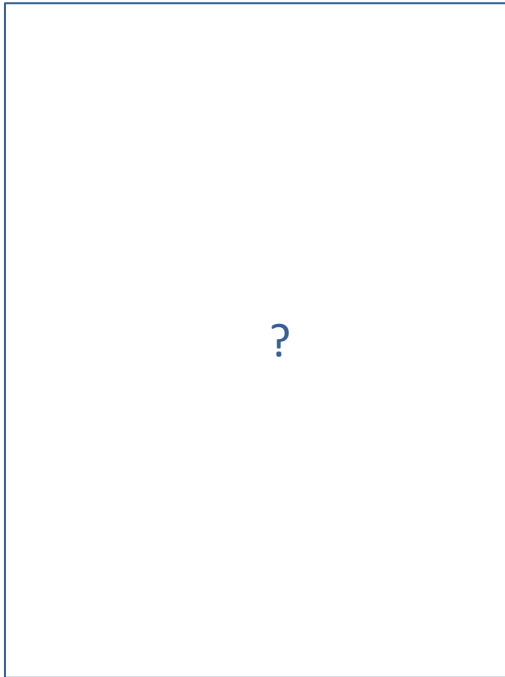
Similar, tail lowered and intertwined with feet



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

n.b. – similar, U-shaped tail behind





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

n.b. – leaping, C-shaped tail behind, stars for ‘ivy leaf’ above



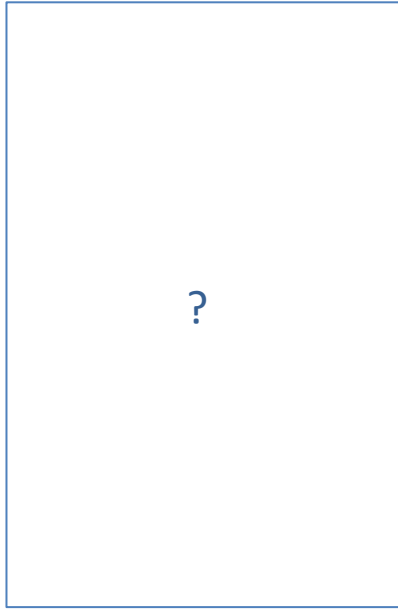


Paris BN  
Arabe 2488  
mid-13th C, Ceuta (?) N Africa  
n.b. – similar, S-shaped tail raised, stars for 'ivy leaf' to side

Paris BN  
Arabe 2489  
1266-67 AD; Syria?  
n.b. – similar, C-shaped tail ending above haunch, stars for 'ivy leaf' above

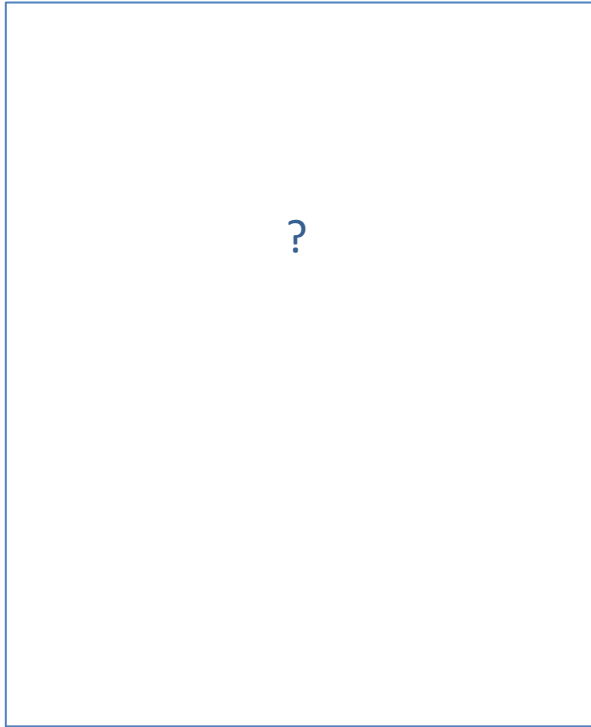


Cairo, National Libr  
Ms Dar al-Kutub miqāt 390  
1300 AD



Oxford, Bodleian Libr  
Pococke 257  
1303/04; Aleppo

London BL  
Or 5323  
1260-80; Maragha (?), NW Iran  
n.b. – similar, S-shaped tail raised



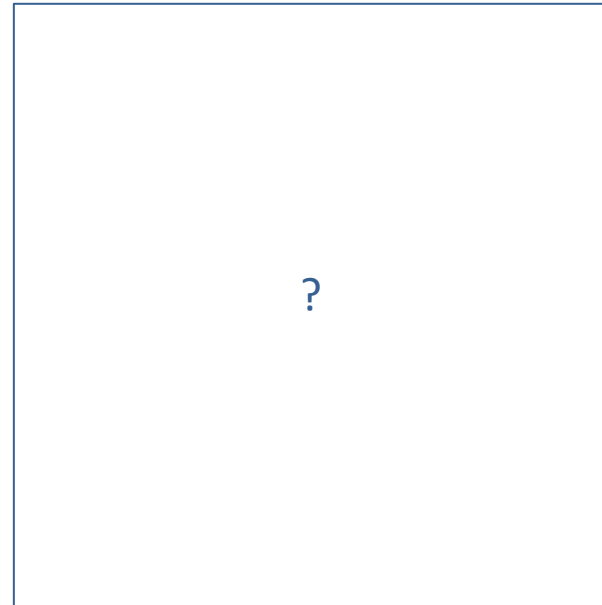
Escorial  
Ms 915  
20 March 1364 AD



NY, Metropolitan Mus  
Ms 13.160-10 (Rogers Fund 1913)  
c. 1400, Samarkand

n.b. – leaping, C-shape tail raised above haunch, stars for 'ivy leaf' above



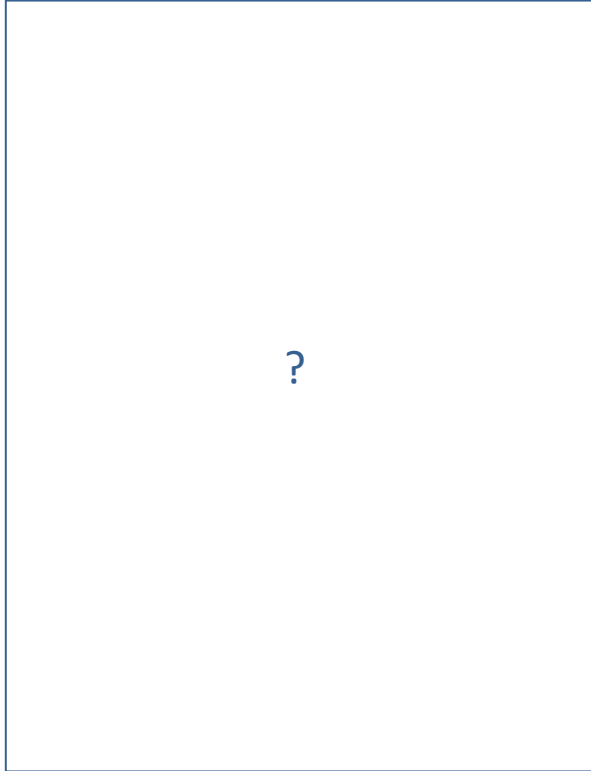


Paris BN  
Ms arabe 5036  
c. 1430-40, Samarkand

n.b. – leaping, U-shaped tail, stars for ‘ivy leaf’ above

Bologna, Bibl. Univ  
Ms 2953  
8 Oct 1500 AD



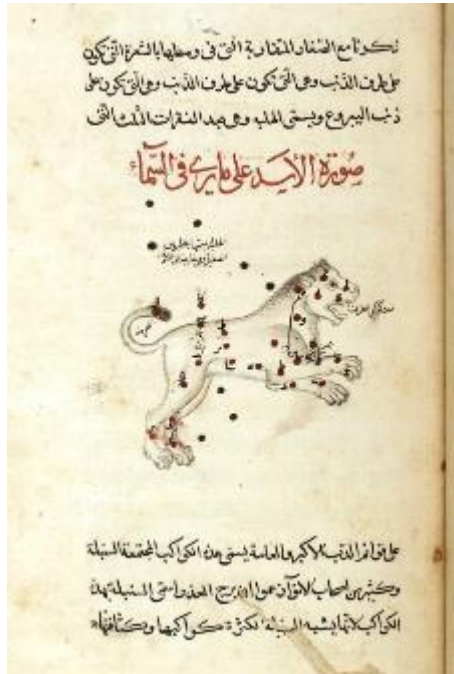


Dublin, Chester Beatty Libr  
Ms Ar 4119  
1504/05 AD

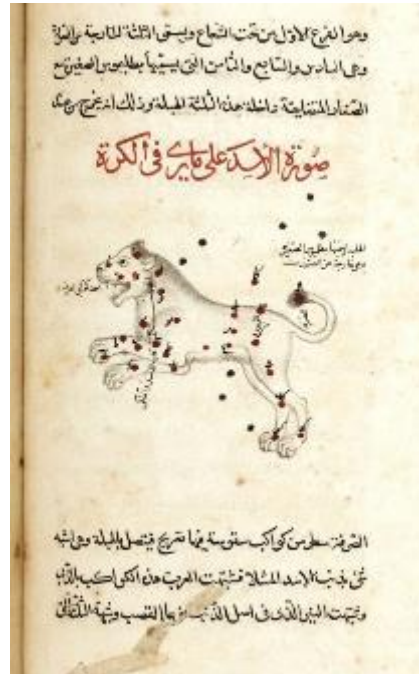


Paris BN  
Arabe 2490  
1516/17 AD

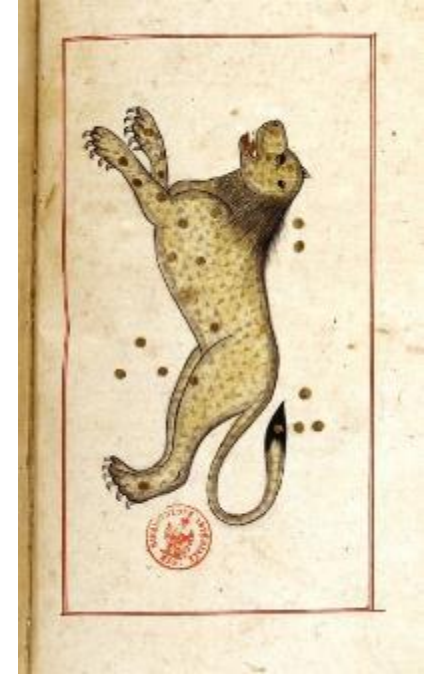


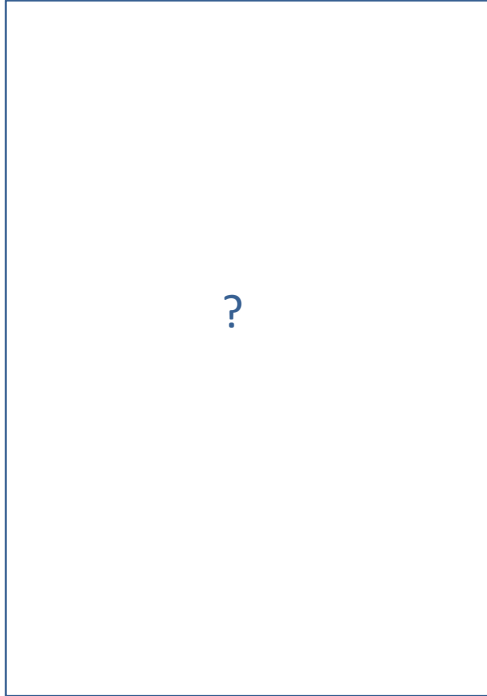


Paris BN  
Arabe 2491  
1770 AD  
n.b. – leaps, C-shaped tail, ‘ivy leaf stars’ above

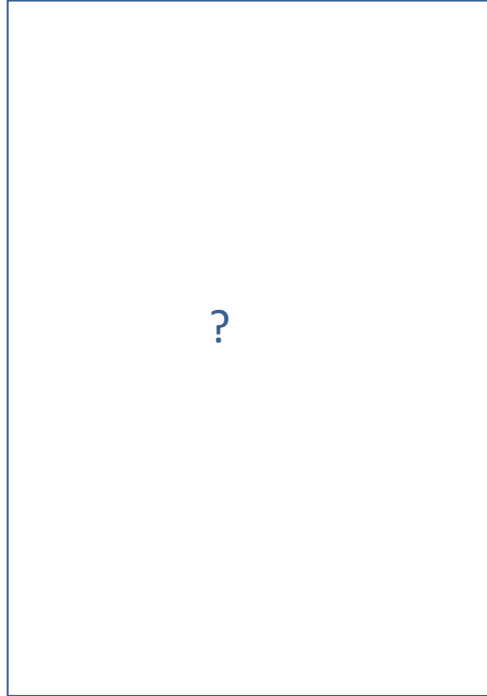


Paris BN  
Arabe 2492  
18th C  
n.b. –similar, U-shaped tail, ‘ivy leaf’ stars above tip

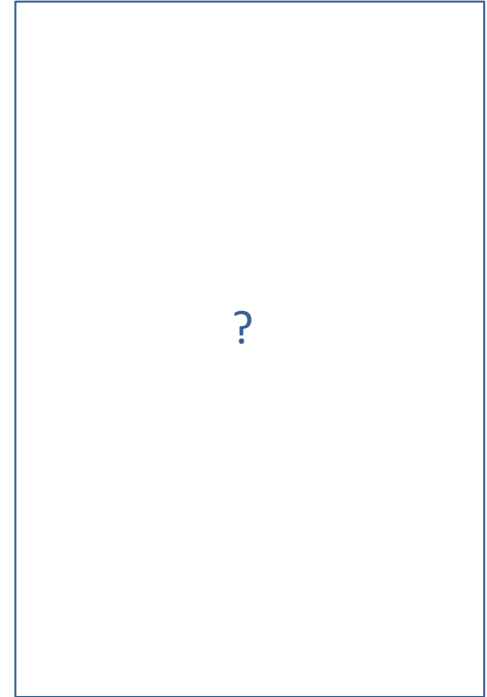




Dublin, Chester Beatty Libr  
Ms Ar 4222  
16th C; Iran



London BL  
Add ms 7488  
16th C

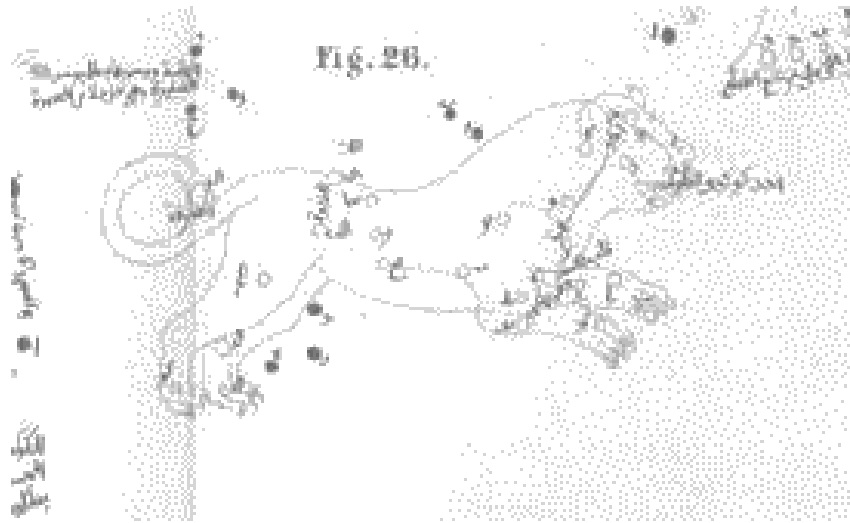


Istanbul, Perter Pasa Libr  
Ms 375  
16th C





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. – leaping, S-shaped tail, stars for 'ivy leaf' above tip of tail



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

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



Paris BN  
Arabe 6528  
India, 1643-44

n.b. – leaping, curled tail, no stars / walking with tail raised





New York, Met Museum of Art

Ms 1975.192.2

attr. Iran (?), 18th C

n.b. – leaping, tail raised with 'ivy leaf' stars above tip



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

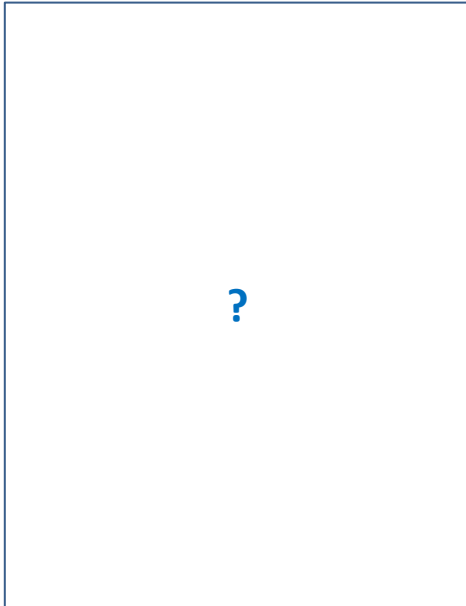
Leo



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. – Leo walks to left, tail curled  
around hind legs



Paris BN  
Arabe 2178  
1762-63 AD –  
n.b. – Leo stands to right, right paw  
lifted, C-shaped tail raised above back



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

n.b. – Leo walks to right, tail cut off

# Sufi latinus – I

Stellatio leonis

Leo



Paris, Bibl Arsenal  
Ms 1036

n.b. – Leo leaps to right, U-shaped tail behind, with 'ivy leaf' stars above tip,  
crown on head (?)





Prague, Strahov  
DA. II. 33  
n.b. – same



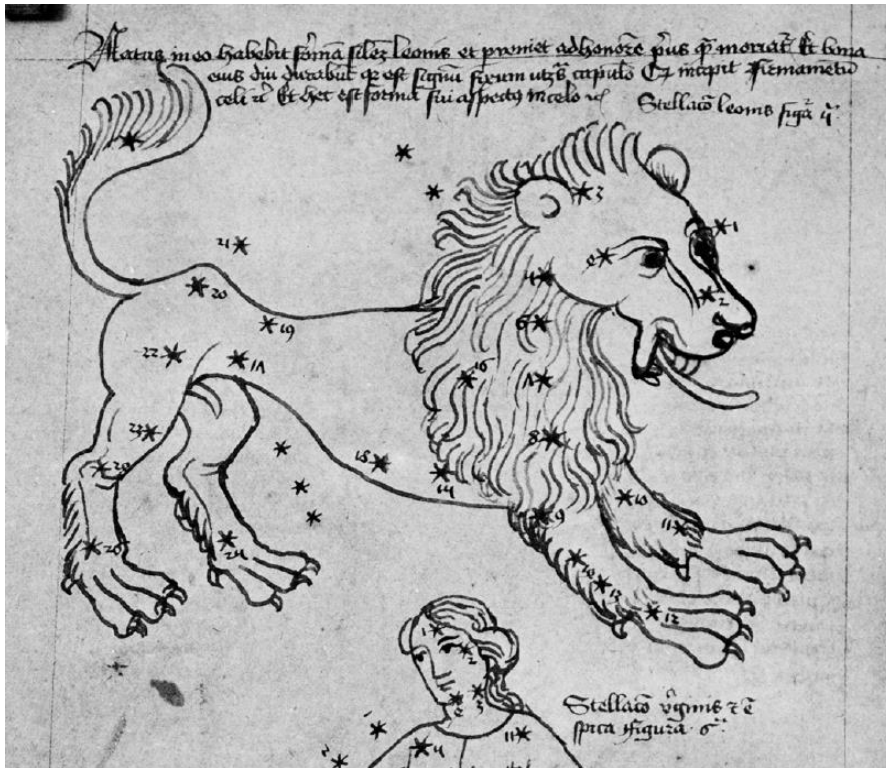
Berlin, Staatsbibl, KK  
Ms 78 D 12  
same

missing from manuscript



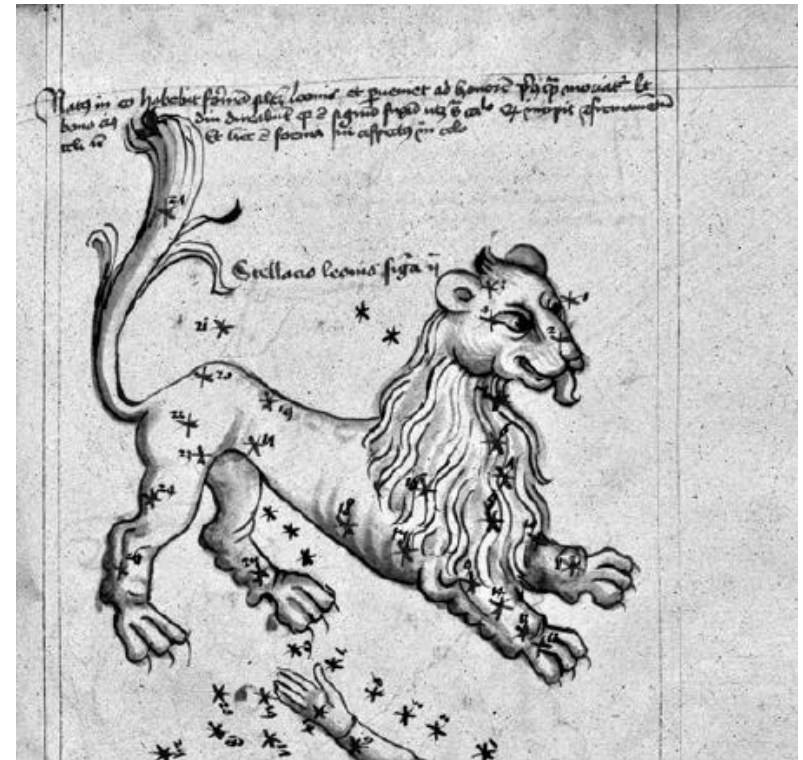
Munich, Staatsbibl  
CIm 826

Gotha, Forshungsbibl  
Membr II 141  
same



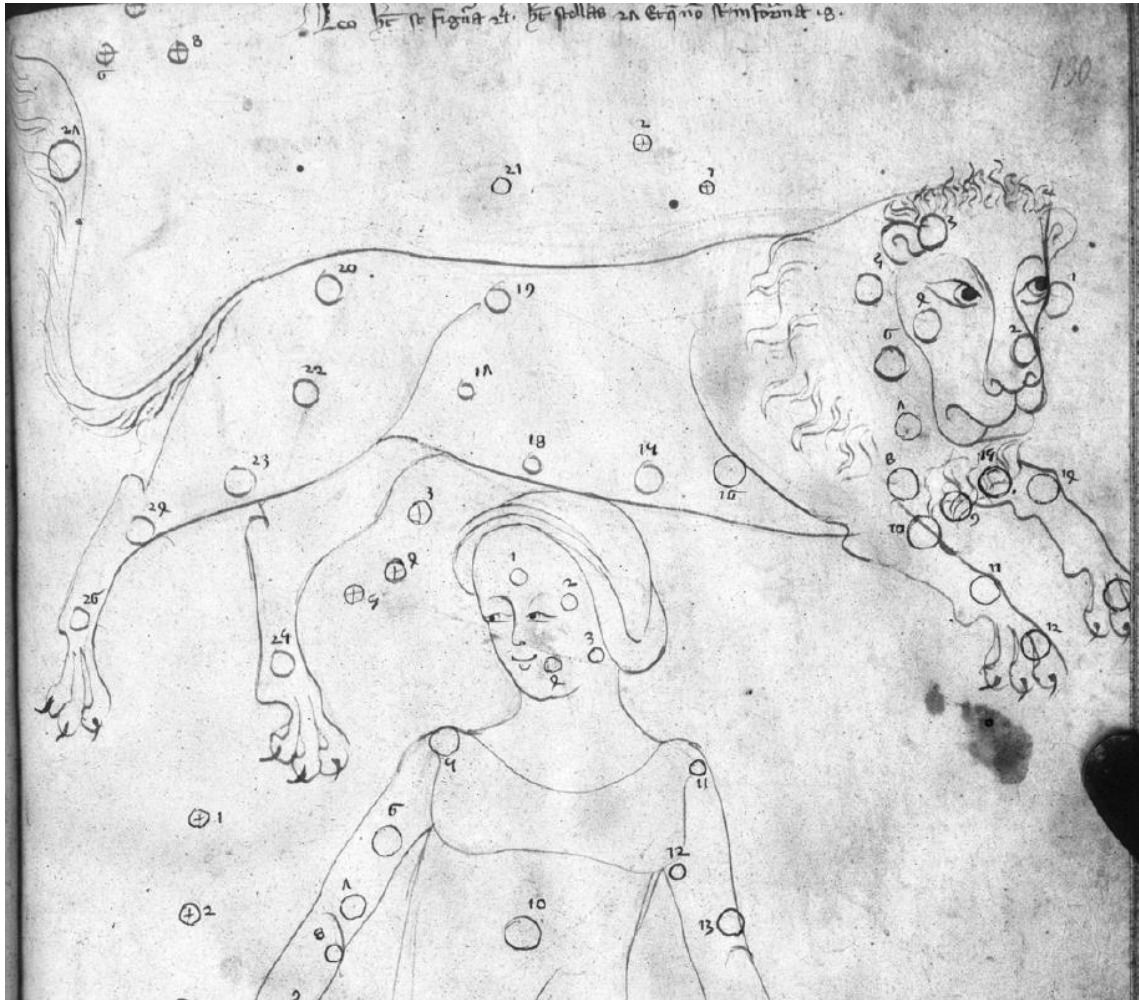
Catania, Bibl Univ  
Ms Univ Ar, 387

n.b. – Leo stand to right, tongue out, C-shaped tail above haunch



Vienna, ONB  
Cod 5318  
same



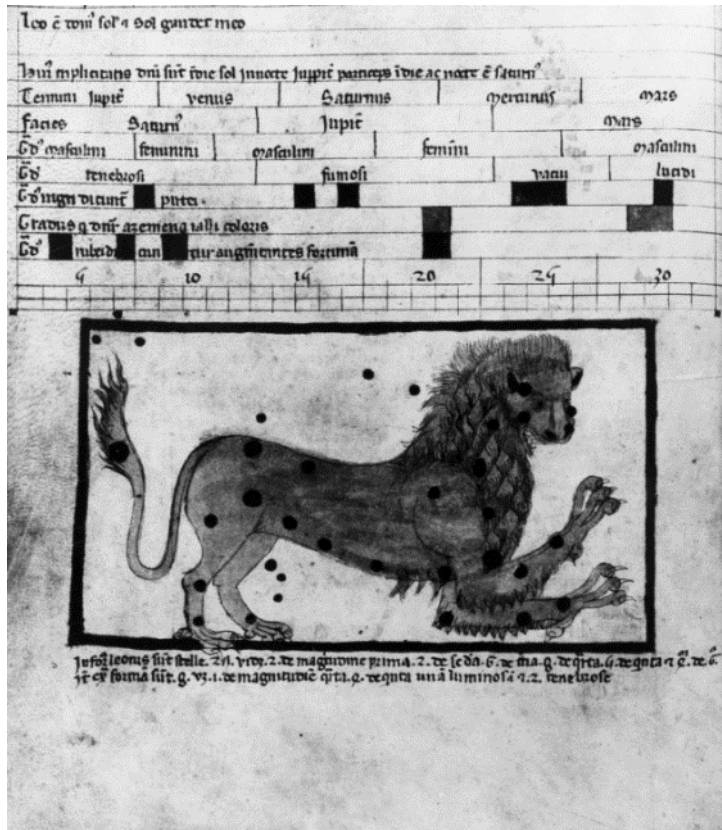


Bernkastel-Kues, Nicolaus hosp.

Ms 207

n.b. – Leo leaps to right, U-shaped tail with 'ivy leaf' stars above tip





London, British Library  
Add MS 23770

n.b. – pounces right, bony feet extended, tail upwards in a U shape



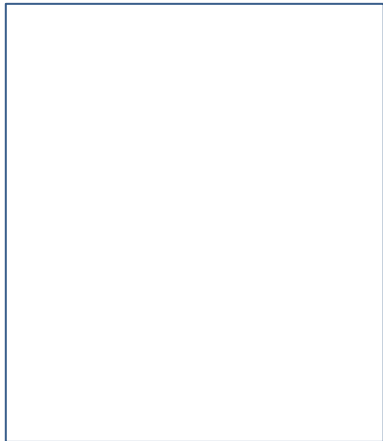
Paris, BN  
lat 7272

n.b. – walks to the left and turns head to the right; long tail



El Escorial  
Ms h 115

n.b. – walks to left, right paw raised, tail raised



Vatican BAV  
Reg lat 1283a



Vatican BAV

Vat lat 8174 same

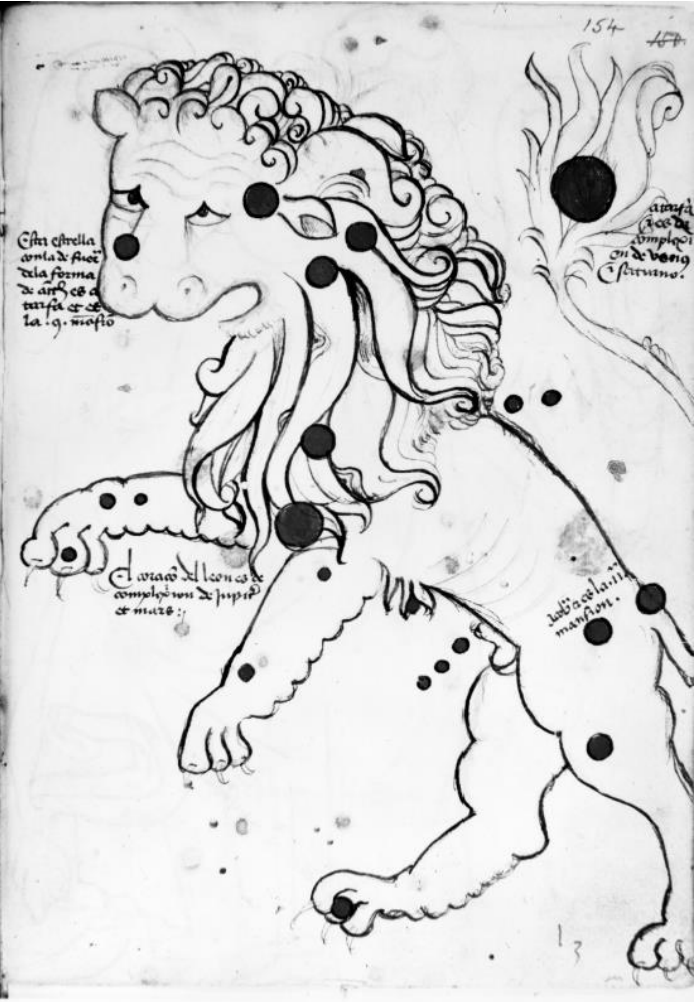
Leone ... e chiamasi in latino leo e in arabico alazar



Los Angeles, Getty Mus

Ms Ludwig XII, 7

leaps to left, S-shaped tail



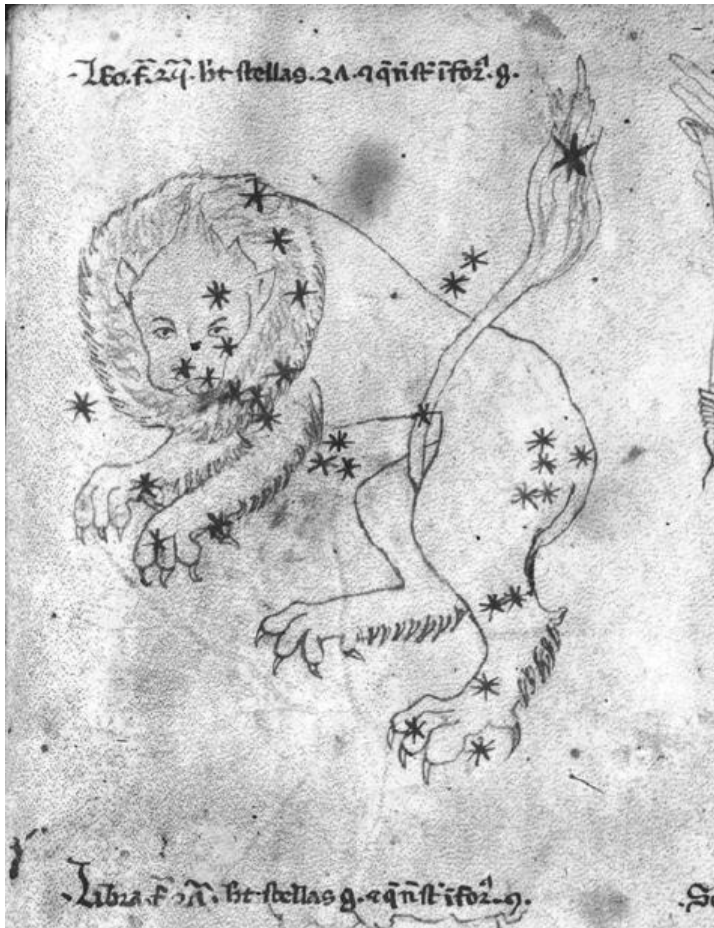
Oxford, Bodleian Library  
 Can. misc. 27 (zodiac only)



Oxford, Bodleian Libr  
Rawl C 117

n.b. –Leo crouching to left, faces viewer, tail between hind legs and rises upwards





Vatican, BAV  
Urb lat 1399

n.b – Leo crouching to left, faces viewer, tail between hind legs and rises upwards



Oxford, Bodleian Library  
Can misc 554

n.B – walks to right, right paw raised, tail down



Bergamo, Bibl A Mai  
Ms Σ II 2

n.b. – Leo seated to right, tails between hind legs  
and ends above haunch



Vatican, BAV  
Vat lat 3099

same



New York, Morgan Pierpont | Library

Ms 355 (zodiac only)

n.b. – standing on hind legs, faces viewer, tail between legs and then rises above haunch (cf: Urb lat 1399)





Brussels, Bib Roy

Ms 10117-26

n.b. – Leo runs to left, tongue out, tail above back with elaborate end



Vatican BAV

Pal lat 1368

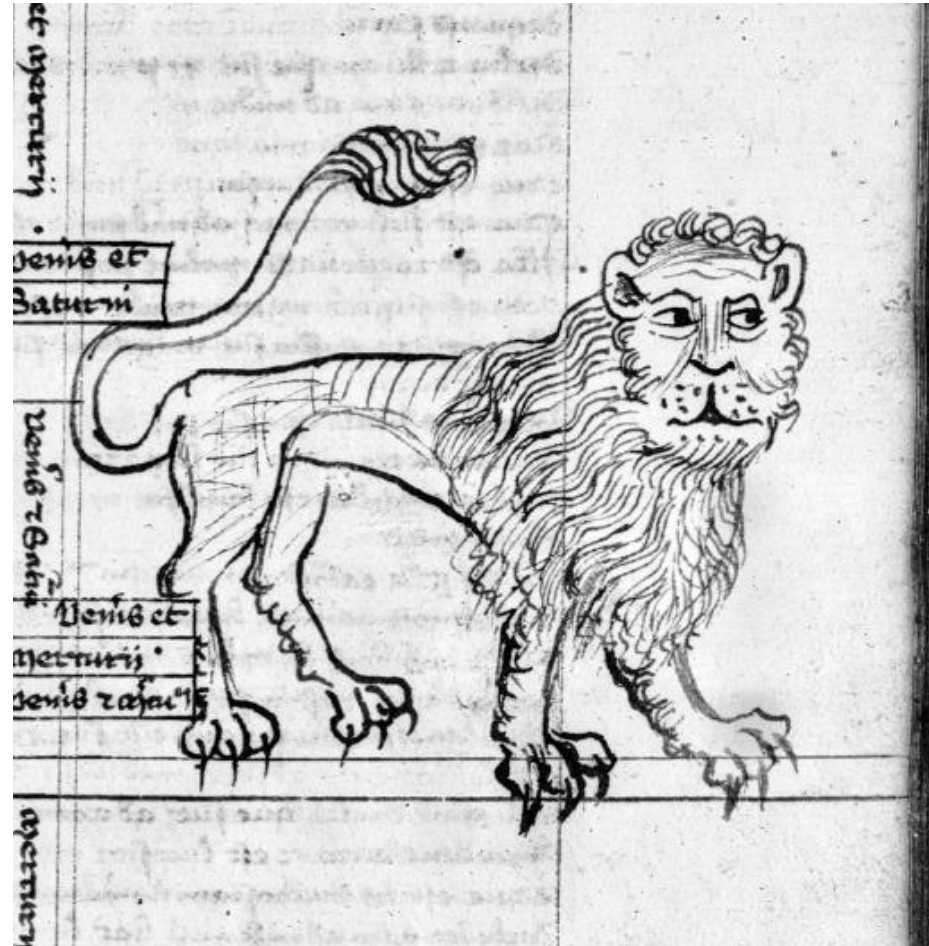
similar





Vatican BAV  
Pal lat 1377

n.b. – smiling Leo rising to left, tail between hind legs, with tip over his back



Torun  
Ms 35

n.b. – stand to right, tail up with tip above back



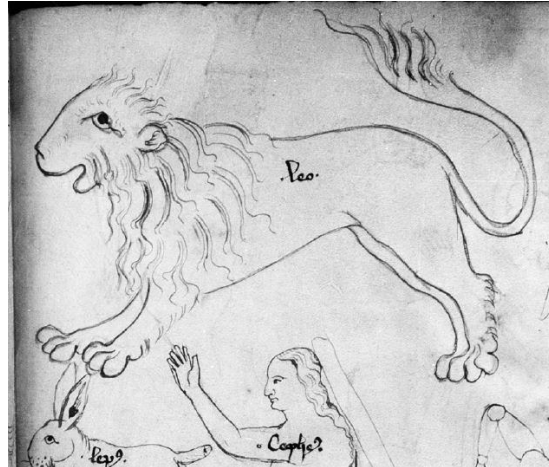
?

Augsburg, Univ-bibl.  
Cod II 1.2o 110



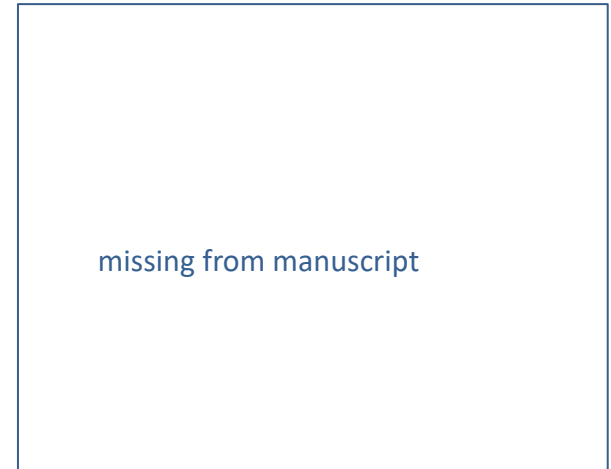
Cambridge MA  
Houghton, Typ 43

n.b. – crouching Leo to eft, tail  
between hind legs and elaborate  
tip above back

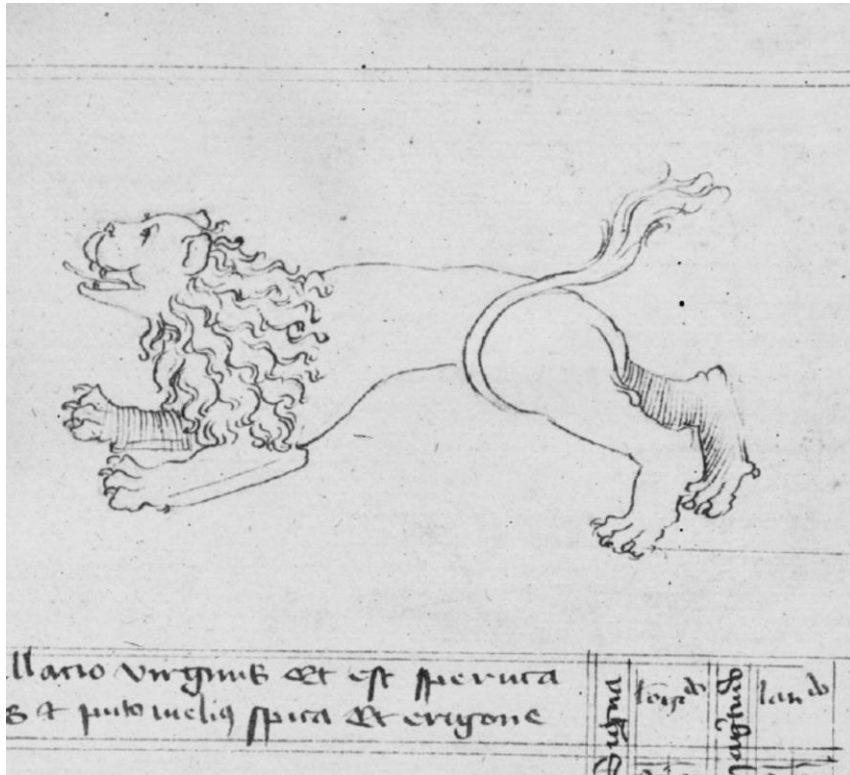


Basle, Univ-Bib  
Ms F. II. 33

n.b. – leaps to left, mouth open, U-  
shaped tail raised above haunch



Florence, BNC,  
Ms Angeli 1147



Vienna ONB  
Vienna 5415

n.b. – Leo runs to left, tongue out, tail between hind legs  
and tip flows back over haunch



Vienna ONB 5415  
northern hemisphere

similar, note 3 stars above tail tip ('ivy leaf')





Munich, BSB

Clm 826

n.b. – climbs to the right, tail between legs  
(see also Sufi latinus II for those pictures)



Philadelphia, U Penn  
Ms LJS 57

n.b. – leaps to right, U-shaped tail raised behind, frondlike tip, 3 stars above tip



Vienna, ONB  
Hebrew 132

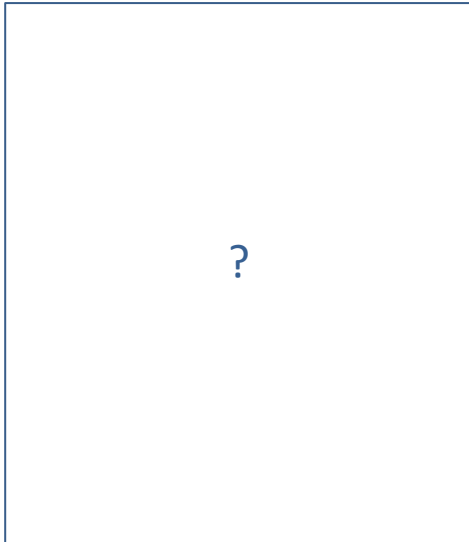
same



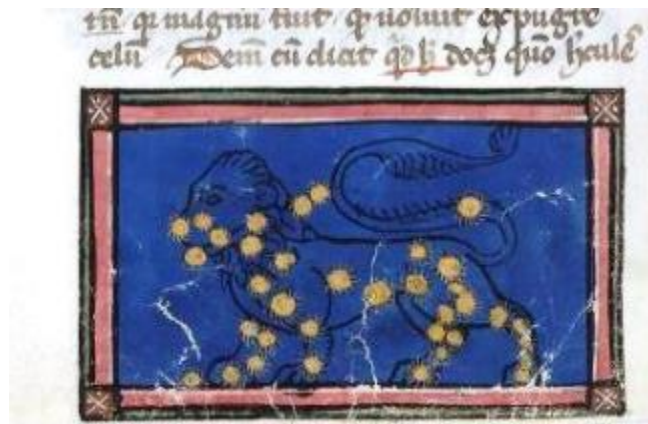
northern hemisphere – leaps to left,  
note quatrefoil above tail = 'ivy leaf'



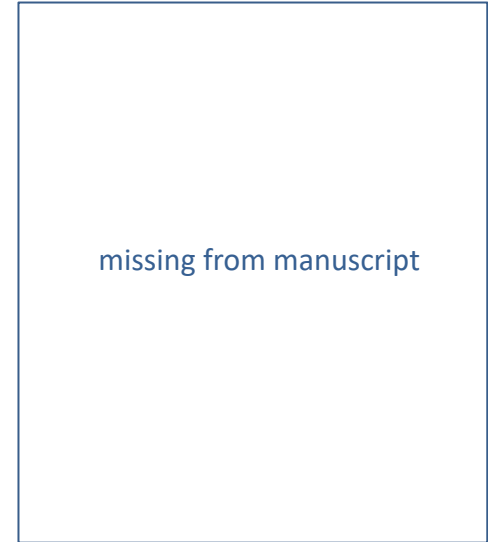
southern hemisphere



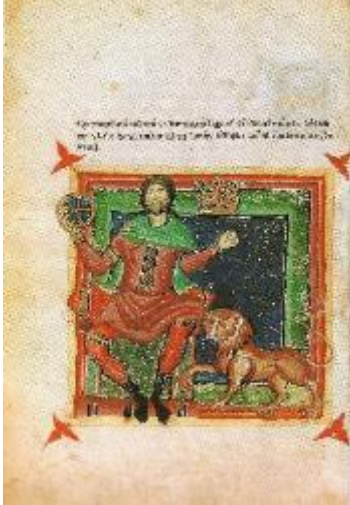
Padua, Univ . Bibl.  
Cod 896



Vatican BAV  
Urb lat 355  
n.b. – walks to left, S-shaped tail above back



Vatican BAV  
Vat lat 1650  
n.b. – Leo is uncharacteristic, more like  
Ophiuchus's snake



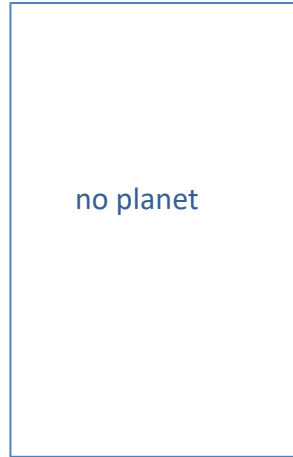
Paris BN  
Lat 7330

Sol – domus

exaltation

Saturn – detriment

fall



Paris BN  
Lat 7331 – same

Sol – domus

exaltation

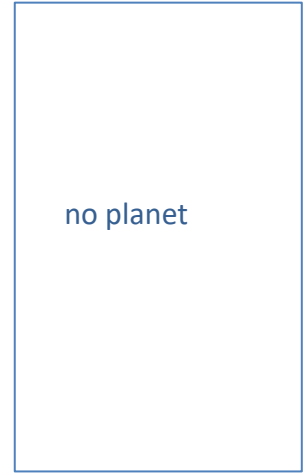
Saturn – detriment

fall



# Fenduli Abridgement

# Gemini



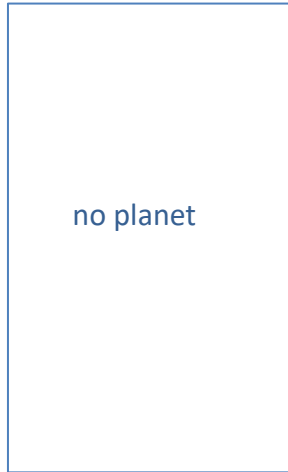
London BL  
Sloane 3983 – same

Sol – domus

exaltation

Saturn – detriment

fall



NY Pierpont Morgan Libr  
M 785 – same

Sol – domus

exaltation

Saturn – detriment

fall

# Fenduli Abridgement

# Gemini



Sol – domus



exaltation

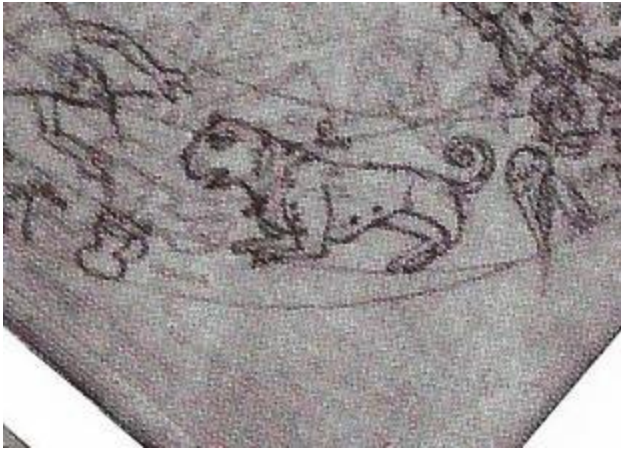


Saturn – detriment



fall

Paris BN  
Smith-Lesouëf 8  
15th C – same



Bernkastel-Kues  
St Nicholas-Hospital  
Ms 212 (hemispheres)  
n.b. – crouches to left, tail curls



Darmstadt, , Univ- and Landesbibl.  
Ms 1020  
northern hemisphere  
n.b. – to left, with collar and tail down





Cusanus globe

n.b. – Leo crouches to left, tongue out, tail between hind legs, and tip behind haunch;  
drawing overlay by Petr Hadrava

© Petr Hadrava





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

n.b – Leo stands to right, head back, tail down

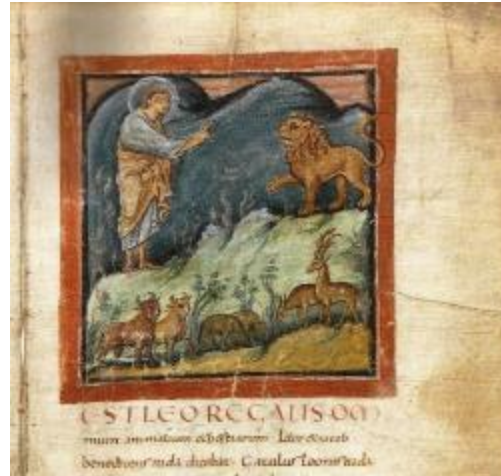
summer hemisphere  
leaps to left, tail vertical

# Miscellaneous

# Leo



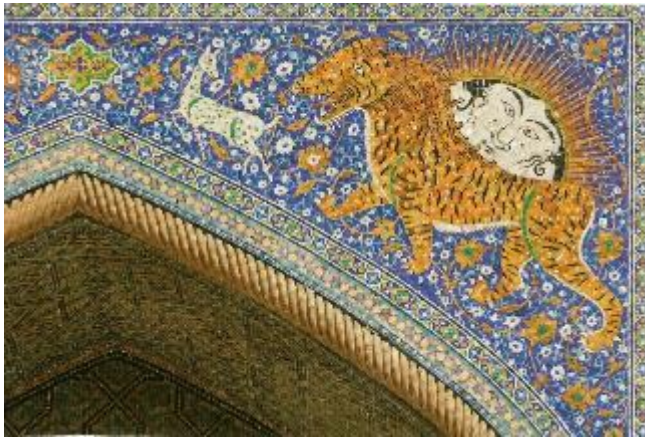
Hercules and Leo  
Gandhara, 1st century  
New York, Metropolitan Museum of Art



Bern Physiologus  
Bern, Ms 318



Hercules and Nemean Lion /  
Marriage of David  
Silver repoussé misserum  
from Cyrene treasure, c. 600  
Nicosia, Archeological Museum



Sol in Leo  
Entry arch of the Sherdor Madrasah  
Samarkand



Lion and deer, Silver plate  
St. Peteresburg, Hermitage  
(cf: Willesz)





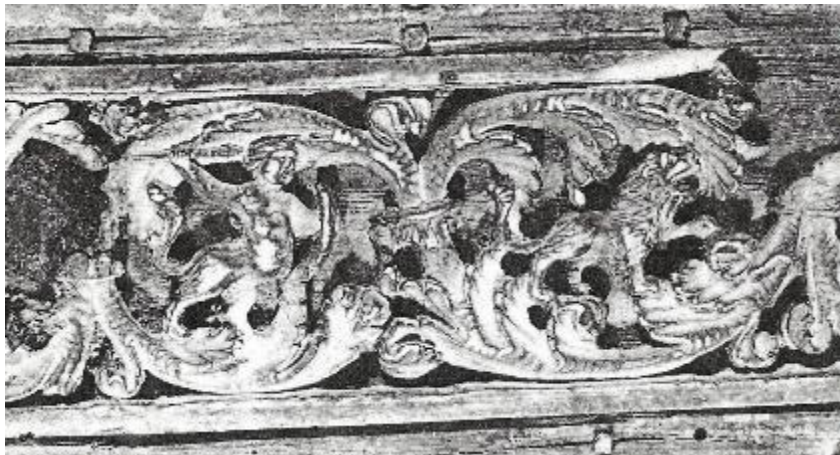
Paris, Musée du Louvre



Volterra



Initial B  
From Moissac, end 11<sup>th</sup> C  
Moissac, Centre d'Art Romain Marcel Durliat

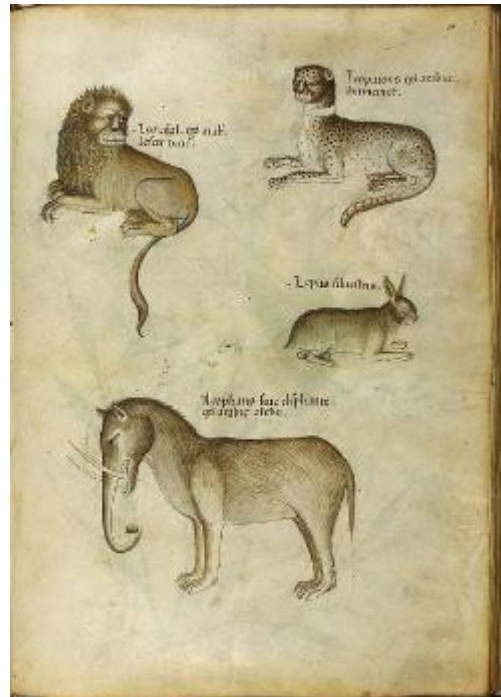


Leo/lion from St Peter's throne  
Right frieze under vertical gable  
n.b. – raised paw



Leo/lion from apse  
Notre Dame de Cunault (Saumur)  
n.b. – tail between hind legs





*Tractatus de herbis*, 15th C  
London, BL, Sloane 4016, fol. 50r



Illuminated book page, Plutarch, *Vitae illustrium virorum* – Girolamo da Cremona Venice: Jenson, 1478 Paris, BnF, Rés. Vélins 700 (cf: Oxford, Bodl., Can class 179)



