

Death of Laocoon
50-79 AD
House of Menander (I.10.4), Pompeii


## Laocoon

House of Laocoon, Pompeii
VI. 14.30
source: www.pompeiinpictures
© Buzz Ferebee

drawing from F. Niccolini, Le Case ed $i$ monumenti de Pompei, vol II, Naples 1862, pl 66.


Death of Laocoon
Vatican Virgil
c. 400

Vatican, BAV, lat 3225, fol. 18 v


Lycurgus and Ambrosia
Floor mosaic, winter triclinium
Libya, Villa Silene
Credit: livius.org


Lycurgus cup
Red and green glass, 4th C
London, The British Museum (Acc. 1958.1202.1)


Lycurgus and Ambrosia
Floor mosaic, 4th C AD
Antakya, Hatay Archaeology Museum credit: theoi.com


Triptolemus in winged dragon-chair with Persephine behind votive relief, early 4th C BC Eleusis, Archaeological Museum

Cast of a gem
19thC acast fter Roman (?) original Cornell Gem Impressions Collection (03_2_0242GI_03_077)



Triptolemus legend
sarcophagus panel, mid-2ndC AD
Paris Musée du Louvre
credit: Wikimedia © Mbtz


Triptolemus seeding the earth (obv with Caracalla)
Bronze coin minted in Moesia inferior (Tomis) Credit: Vilmar numismatics


Triptolemus
fresco (destroyed 1943)
House of Triptolemus (or House ofCissoni / or L. Calpurnius Diogenes)
Pompeii

Classical images - Roman


Asclepius (with Telesphoros) and Hygieia (with Cupid) Ivory diptych, late 5th C
Liverpool City Museum


Asclepius and Hygieia
Ivory panel, north Itaian, late 5th C
Valais Historical Museum, Valère (Sion)
Credit: www.Kornbluthpgotos.com


Naples, Farnese Atlas
© Petr Hadrava
n.b. - back to viewer, stands on Scorpio with left leg (?)

Serpens with raised head, facing away, crosses Oph at knees

cast of globe
Rome, Museum of Roman
Civilization, EUR


Bentley's Manilius


Paris, Kugel Globe
n.b. - faces viewer, Serpens at waist with raised head, right foot on back of Scorpio


Mainz globe

n.b. - back to viewer. Serpens wrapped around waist with head up, both feet on back of Scorpio
|. = z stemma


## Leiden, Univbibl

Voss lat $4^{\circ} 79$
n.b. - Faces away from viewer, Serpens faces Oph and is held in front at hip height looping at right hand, both feet on Scorpio


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


## vs. planisphere

n.b. - facing viewer, Serpens wrapped around waist, head up, both feet on Scorpio


## Bern, Burgerbibl,

Ms 88
similar, but Serpens knotted at waist and no loop

vs. planisphere
similar, but walking to right

## Germanicus mss

II and III. = O stemma ( $\mathrm{O}^{1}$ or v )
II.


## Basle, OBU

Ms AN.IV . 18
n.b. - facaes away from viewer, Serpens faces Oph and held at hip height looping in right hand, both feet on Scorpio

vs. planisphere
n.b. - above Sagittarius, faces viewer, Serpens wrapped at waist





## Aberystwyth, NLW

Ms 735 C
n.b. - walking left, Serpens head raised and faces Oph, crosses with X at waist height, both feet on Scorpio


## vs. schema

facing viewer, Serpens faces and X across hips, both feet on Scorpio

vs. planisphere
n.b. - walking, Serpens with $X$ at hips, both feet on Scorpio

vs. winter hemisphere
above Sagittarius, Serpens X across hips and loop in left hand
IV. = O stemma ( $\mathrm{O}^{2}$ or $\mu$ )


Madrid, Bib nac
Ms 19 (16)
n.b. - walking with back to viewer, Serpens faces Oph, wraps around waist and loops in right hand; both feet on Scorpio

## maist

Va. = O stemma ( $\mathrm{O}^{2}$ or $\mu=$ Siciliensis)


Cologny, Bib Bodmer Cod lat 7
same

Vb.


Vatican, BAV
Barb lat 76
same


NY, Pierpont Morgan Libr Ms M 389
same
VI.


Ans opthotou/ tony catueance rivendo C Cuaptof hmmexof Num reveza mēbraf fêtu THi langret hon of hunvery man itegrain una et menfon त̄̈pleno diudut orbe

London BL
Egerton 1050
Similar, knotted Serpens
VII.


London BL
Add 15819
similar, wrapped Serpens


## 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


Vatican BAV,

## Vat grec 1087

n.b. - Walks facing away from viewer, Serpens at waist height looking away from Oph; both feet on Scorpio


Planisphere
similar, Serpens looks at Oph

winter hemisphere
same

## Cicero



London, BL
Harley 647


London, BL
Harley 2506

Scorpio


London, BL
Harley 647 - planisphere
n.b - walks to right facing viewer,

Serpens faces away from Oph and is knotted at waist, both feet on


London, BL
Cotton ms Tib B.V., pars 1


London, BL
Cotton Ms Tib C. 1


Gottweig,
Stiftsbibl Ms 7

## Ophiuchus

I.


## Dresden, Landesbibl

Ms D C 183 -
n.b. - faces away from viewer, Serpens
faces Oph, knots around waist and between legs, both feet on back of Scorpio


Dresden - winter hemisphere n.b. - same as above, with Scorpio in zodiac, note knot


Paris BN
Lat 12957
n.b. - Ophiuchus twice


Paris - winter hemisphere rota n.b. - similar to above, in zodiac, Scorpio missing


Prague, Univbibl
Ms IX. C. 6 (1717)
n.b. - twice, Ophiuchus w/ animal head
missing from ms

Prague - winter hemisphere
la.


St Gallen, Stiftsbibl
Ms 902
n.b. - faces viewer, Serpens faces Oph and passes in front of waist, both feet on Scorpio

winter hemisphere
In zodiac with Scorpio
pente finte woill .

um fane ideo aioue Ifter Aftra collocatum ferume dorzonem quidzincolo aŕ-damintulo diane poene ar Interficienteon puifferte doccuderte filhe.quod

St Gallen, Stiftsbibl Ms 250
same

winter hemisphere


Gottweig, Stiftsbibl.

hemisphere

Ms 7 (146)
n.b. - faces away from viewer, Serpens faces Oph and
wraps around waist, both feet on Scorpio


Siena, Bib com
Ms L. IV. 25
same
I. (distant relative)


## Paris BN

n.a. 1614
n.b. - faces away from viewer,

Serpens faces Oph and knitted at waist, both feet on Scorpio

winter hemisphere
n.b. - in zodiac without

Scorpio


Munich, Staatsbibl.
Clm 560

winter hemisphere


Vatican, BAV
Reg lat 1324
n.b. - similar, but faces viewer, note knot like Dresden RAL; both feet hover above Scorpio

winter hemisphere
n.b. - female Ophiuchus (!) in zodiac with
II.


Cologne, Dombibliothek
Ms 83.11
n.b. - walks with back towards viewer; Serpens faces Oph and crosses with $X$ at waist, no Scorpio



 tint mamil


Oxford, Bodleian Library
Laud misc 644
n.b. - walks, facing awau from viewer, Serpens faces

Oph and makes $X$ at waist, no Scorpio


Venice, Bib Marciana
Ms VIII, 22
n.b. - same


Padua, Bibl Antoniona
Ms Anton 27
n.b. - similar, Serpens and Oph exchange 'breath'


Paris BN
lat. 14754
n.b. - same
la.


Dijon
Bib mun, Ms 488
n.b. - same

Ila.


Paris, BN
Lat 5543
n.b. - faces away from viewer, Serpens faces Oph and makes $X$ at waist, both feet on Scorpio




 Surie onsmet Nowiz.


Paris, BN
Lat 5239
n.b. - same

IIb.


भाक


baberftelas numigi Labnifduas-Quari pisoneffumemax


## Klosterneuburg,

Stiftskirche, Ms 685
n.b. - faces viewer, Serpens faces Oph and passes in front of waist, both feet on Scorpio

Vatican, BAV
Vat lat 643
n.b. - facess awa from viewer, Serpens faces Oph with 'breath', crosses chest with X, both feet on Scorpio

## Zwettl, Stiftskirche

Ms 296
n.b. - faces viewer, Serpens crosses cheat with X and also below neck, both feet on Scorpio
III.


Laon
Bib mun, Ms 422
n.b. - Ophiuchus walks to right, facing viewer; Serpens bites nose and wraps around hips


Rouen,
Bibl mun, 26
n.b. - similar (?), damaged

## ps-Bede, De signis caeli

## Singletons



Amiens
Bibl mun, Ms 222


Durham, Cathedral Libr Hunter 100


Freiburg-im-Bresgau
Ms 35
n.b. - back to viewer, Serpens faces Oph and passes behind back at hips, no Scorpio

## Singletons





## Montecassino,

Badia, Ms 3
n.b. - walks to left, back to viewer; Serpens faces and passes behind back, both feet on Scorpio
la.


Berlin, Staatsbibl
Ms lat 130 (Phill 1832)
n.b. - with bak to viewer, Serpens looks away, wrapped around waist, no Scorpio


Monza, Bib capit
Ms F. 9/176 (246)
n.b. -- faces away from viewer, Serpens faces away, passes behind hips, no Scorpio


Berlin planisphere
n.b. - faces viwer, Serpens looks at

Oph, both feet on Sco

winter hemisphere
Ms F. 9/176 (246)
n.b. -- faces towards; Serpens makes X across chest; both feet on Scorpio
la.

corpur habsefellar infinguler cormburuel poo
Madrid, Bib Nac
Ms 3307
n.b. - faces away from viewer; Serpens faces away, no Scorpio

Ib.


Vatican BAV,
Vat lat 645
n.b. - faces away from viewer, Serpens in very complicated coiling around arms and waist, no Scorpio

De ordine ac positione
II.


Munich, Staatsbibl. Ms clm 210
n.b. - faces viewer, Serpens raises head at right angle. passes in front of hins. no Scorpio


Qeropmaminr aus man
Vienna, ONB
Vindob 387

planisphere
Ophiuchus faces viewer, distant from Scorpio

De ordine ac positione
III.


Austin TX, Harry Ransom,
Univ of Texas, Ms 29
n.b. - walks, back to viewer, Serpens reaches upwards, wraps around waist, no Scorpio


St Petersburg, Nat Libr
Ms QviX, no 2
n.b. - walks, back to viewer, Serpens faces away and wraps around waist, no Scorpio


Paris BN
lat n.a. 1614
n.b. - back to viewer, Serpens faces Oph, wraps around waist, no Scorpio

summer hemipshere
in zodiac belt, no Scorpio

## De ordine ac positione

Ophiuchus
IV.


Vatican BAV,
Reg lat 309
n.b. - same

## De ordine ac positione

V.


Los Angeles, Getty Mus
Ludwig XII, 5
n.b. - facing away from viewer, Serpens faces Oph, curls in neck and wraps around waist; no Scorpio

Singletons


Vienna, ONB
Vindob 12600
n.b. - faces viewer; Serpens faces


Paris BN,
lat 8663
n.b. - faces away from viewer, Serpens faces upwards and makes an X around waist; both feet on Scorpio


Reykjavik
Ms 1812

## Hyginus

## Ophiuchus

la.


## S Paul im Lavantthal

Ms 16/1 (XXV. 4. 20)
n.b. - faces away from viewer,

Serpens faces Oph and makes an X across back, no Scorpio


Florence, Bibl Laurenziana
Ms Plut 29.30
n.b. - same, but orientation of chest/back confused


Leiden, Univ-blbl
Voss $8^{\circ} 18$
n.b. - faces viewer, Serpens faces Oph and makes an X across waist, note knot in tail

Ib.


Wolfenbüttel, Herz Aug
Ms 18. 16. Aug $4^{\circ}$
n.b. - faces viewer, Serpens faces away from Oph and makes an X across waist, no Scorpio


London BL
Arundel 339
similar, but female (!)

Ic. (singleton)


Vienna ONB
Vindob 51
n.b. - faces away from viewer (note hair at back of head), Serpens faces towards and makes an $X$ across back, no Scorpio
II. (singleton)
: inderatmaxue quatauc matmbifanaf,
 Atllatix $x \mathrm{olu}$.




Leiden Univ-bibl
Voss lat $4^{\circ} 92$
n.b. - faces viewer, Serpens faces Oph and makes an X across waist, no Scorpio

## Hyginus

III.


Leiden Univ-bibl
Voss lat $8^{\circ} 15$
n.b. - faces away from viewer, Serpens raises head and makes an X across back; both feet on Scorpio


Vatican BAV
Reg lat 123
n.b.. - similar, but turns head towards viewer

planisphere
n.b.. - faces viewer (to right) Serpens makes $X$, distant from Scorpio

## IV.



Oxford, Bodleian Libr
Bodley 614
n.b. - youthful, facing the viewer and points to self, Serpens faces away from Oph, and curls around hip and through legs, no Scorpio


Oxford, Bodleian Libr
Digby 83 (SC 1684)
n.b. - similar, but older and bearded
V. (singleton)


Baltimore, Walters Art Gallery
Ms 734
n.b. - faces viewer, Serpens faces away from Oph and wraps around waist, no Scorpio
VI. (singleton)


Berlin, Staatsbibl.
Ms $8^{\circ} 44$ (Rose 962)
n.b. - faces away from viewer, Serpens
faces away and wraps around waist
VI- related: German Star Books ('secundum Hyginum')


Lyon, Bib mun, Pal des Arts 45


Lyon, Bib mun Ms 172
similar


Munich, Staatsbibl
Germ 595
similar

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


Munich, Staatsbibl
Clm 59
n.b. - similar


Vatican BAV
Pal.lat. 1369
like Munich 595


Vatican BAV
Pal.lat. 1389
similar, pointed tail


Wolfenbüttel Herz Aug Guelf 8124 Aug 2
Twice, one facing away with Serpens wrapped; one facing towards with Serpens passing in front of waist


London BL,
Roy Ms 13. A. XI
n.b. - facing viewer, with Serpens 'breathing' at him and wrapped around body twice; both feet on Scorpio
VIII. (singleton)


## Hyginus

Ophiuchus

IXa.


Cambridge, Fitzwilliam Mus Ms 260
n.b. - female (!) facing viewer, Serpens faces Oph and makes an X at hips


Siena, Bib com
Ms L. VI. 25
same - male


Florence, BN
Magl XI. 141
n.b. - similar, but male and Serpens passes in front of hips


Vatican, BAV
Vat lat 3109
same - female?


Milan, Bibl. Ambrosiana T. 47 sup
same - male


Vatican, BAV
Vat lat 3109
same - female? dirty


Oxford, Bodleian Libr Can. class lat 179 same - male


Verona, Bibl capitolare Ms CCLXI
same - male

## Hyginus

Ophiuchus

## IXb.



Oxford, Bodleian Library
Can misc 46
n.b. - similar - male, sharing 'breath'

IXc.


Vatican, BAV
Vat lat 3110
same


Florence, BNC
Magl XI. 114,1
n.b. -- standing facing the viewer, Snake's head to right.

## Hyginus

## IXd. (distant singleton)



Florence, Bibl Laurenziana
Ashburnam1148
n.b. - similar, but more frontal

IXe.

ill Agitta inter divos arculos eftiuun

## Pavia, Bibl Univ

Aldini 490
n.b. - standing and facing away from viewer, $X$ across back
m corpis coniunctione $v$ et in pma a ude tur In fecunda capur uerfus hit 1


Vatican., BAV
Urb lat 1358
Same, but looking up

## Hyginus

Ophiuchus


New York, Public Library
Spencer Ms 28
n.b. - same - male


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

IXg.


Florence, Bib Laurenziana
Plut 89, sup 43
similar, but more frontal

## X. (singleton)



Vatican, BAV
Chigi H. IV. 20

## XI. (singleton)



Cortona, Lib del Comune
Ms 184 (256)
n.b. - walks to right, dressed, Serpens faces away and passes behind hips


Cambrai, Bibl Mun.
Ms 933 (832)
same, cf: IX a and IX b


Cambridge, Trinity College
Ms R 1532


Leiden, Univ.-bibl.
Gronovius 21

## Venice: Ratdolt, 1482

nit adterri. Exorions autč aif foupione e fagtcario apparet. Jic babet i capite ftelis pnȧ. Zıviroqs bücrolingulas. In finiffa mana tres. Yn octra mamu, tiif. Yn täbis.if. Yn vtroqj gcuw fin gulas. Yn ocptro crure rnä. Ye viroas pedefingulas.fy claziotí tin
 mo capite fedlas.ij. Sub capirc, iij, vno loce ots. Z§d mană ipfi opbintd finiffrà.ij.fy quę maje ad cosp ${ }^{9}$ ctug a celit darioxi, Et Dosfo anguis ad ipfí cozicis coniuattionč quings. Et i piuma cur natura cande quattuos. In fecunda aput seríus baber ftdlas focx. Jra cft omnino ftellarí numerus.xpiif.

cf Michael Scot = facing viewer, Serpens faces and wraps around hips, no Scorpio


Vienna ÖNB
Vindob 3111
same, note foreshortened foot

## Basinio da Parma

la.


Rimini, Cassa di Risparmio
(London Sotheby's sale 1992)
n.b. - stands to right, facing viewer, Serpens faces Oph and wraps around hips, no Scorpio

Ib.


Cambridge, CUL
Dd IV 64
n.b. - similar, but walking

## Basinio da Parma

Ophiuchus

Ila.


Oxford, Bodleian Libr
Bodley 646
n.b. - standing frontally, labelled
'Triptolomaes'


Parma, Bib Palatina,
Parm 1008
Same - 'Triptolemus'


Venice, Bibl Marciana
XII, 194 (4148)
same

## Basinio da Parma

IIb.

## SF 196 imethe tuigerg mindalpria




Parma, Bibl Palatina
Parm 27
n.b. - same, labelled 'Anguitenens'


Rome Bibl Casanatense Ms 4059
Same, and 'Ophiuchus' in Greek


Munich, BSB
Clm 15743
same, but not labelled

## Basinio da Parma



Bologna, Bibl Com
Ms 173
n.b. - similar


Ravenna, Bib Classense
Ms 120
similar, but sideways on page


London, Wellcome Coll WMS 122
Same , labelled 'Anguitenens'
VI.


Florence, Bibl Marucelliana
Ms C. CCLI
similar, labelled 'Anguitenens'


Krakow,
Rps BJ 3706


Padua, Bibl. Universitaria
Cod 983

N Italian Group - la.


## Munich, Staatsbibl

## Clm 10268

n.b. - facing away from viewer, Serpens faces Oph and wraps around waist and makes a curl in left hand; both feet on Scorpio


Oxford, Bodleian Libr
Bodley Ms 266
same
Serpentarius manens super Scorpionem est ymago celi, sed a quibusdam nominator Asclepius ... Cum vero sit nudus et rectus in pedibus, tenet serpentem in manibus, qui videtur eum velle ictu percutere in ore. (ed. Ackermann 2009, p. 178)

## Michael Scot

N Italian Group - Ib.


Vatican, BAV
Vat lat 4087 A


St Petersburg, Nat Libr
Ms lat F V IX, no. 1
n.b. - same

N Italian Group - Ic.


Warsaw, BN, B
Baw 46

N Italian Group - Id.


Vienna, ONB
Vindob 3394
n.b. - similar, but reversed

## N Italian Group - le.



Padua, Bibl Seminario
Cod. 48
n.b. - same

## Venetian Group - Ila.



## London BL <br> Add 41600

n.b. - similar, but smaller figure and elaborate Serpens

## Venetian Group - Ilb.



Milan, Ambrosiana
Ms I 90 sup
n.b. - similar, but no curl at hand

Bohemian Group - IIIa.


[^0]

Vienna, ONB
Vindob 2378
similar, but facing towards viewer

Bohemian - Illa.


Prague NK,
Ms III. C. 2
n.b. - similar, but Serpens not wrapped or curled

Bohemian - IIIb.


Paris BN
lat 7408A
n.b. - similar, but elaborate Serpens curls, problem with orientation of Oph

Bohemian - IIIc.


Vienna, ONB
Vindob 5442
n.b. - similar

Bohemian - IIId.


Cambridge, MA
Harvard, Houghton
Libr., Typ 43


Edinburgh, Royal Observatory
Ms Cr 3.23
n.b. - similar,facing viewer and Serpens with elaborate curls


Klosterneuburg, Augustiner Ch-Stift,
Ms CCI 125
n.b. - similar, facing viewer with Serpens having elaborate curls, cf. Vienna 5415


Florence, BNC
Magl. XXII, 22


Krakow, Bibl Jagiellonska
Rps 573


Prague, Narodni Knihova
Ms XXXVI A 3
n.b. - similar, facing viewer, Serpens with elaborate curls


Seville, Bibl Columbina
Ms. 7.7.1
n.b. - standing facing viewer, holding fat Serpens in front of him with both hands

## Michael Scot



Darmstadt, Hess Hochschulbibl.
Ms 266
n.b. - facing viewer, S-shaped Serpens going through legs, standing on Scorpio


Berlin, Staatsbibl

Ms germ fol 244
n.b. - facing away from viewer,

Serpens facing Oph, wrapped around waist, curl in right hand; standing on Scorpio

## Michael Scot

German mss - IVa.


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


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


Paris, BN
Allem 106
n.b. - similar to Darmstadt, but female (!)

## Michael Scot

German mss - IVb.


## Tubingen Univ-bibl.

## Ms d 2

n.b. - similar to Darsmstadt


Ophiuchus as child of Mercury

## Michael Scot

Ophiuchus
German mss - IVb.


Wolfenbüttel, Herz Aug Bibl
Ms Guelph 2914 Aug $4^{\circ}$


Coburg, Bayerisches Landesbibl. Ms 5


Heidelberg Univ-bibl.
Pal germ 832


Edinburgh, Royal Observatory Libr. Ms Cr 46


Karlsruhe, Badische Landesbibl. Ms K 2790


Freiburg, Univ-bibl.
Ms 458


Nürnberg, Germanisches Nationalmus. Ms 7082




 Jta eft omiuio fldlarí numerus.xpil.


## Bartolommeo da Parma



## Cambridge, Emmanuel College

## Ms 70

n.b. - faces viewer, Serpens faces Oph and passes in front of hips, curls in left hand, stands on Scorpio


Metz, Bibl mun
Ms 287
n.b. - similar

## Michael Scot - derived

## Fazio degli Uberti



Paris, BN,
Ital 81
n.b. - faces away from viewer, Serpens faces Oph, touching nose with tongue, and waraps around waist, curl in right hand, stands on Scorpio

Modena, Bibl Estense
Ital 483 ( $\alpha$. P. 47)

## Michael Scot - derived

## Alfonsine Tables (John Killingworth update)



## London, BL

## Arundel Ms 66

n.b. - nude female figure faces viewer, Serpens faces Oph and wraps around hips
(image from 1482 Hyginus = Michael Scot).
Stellacio alphecus et est alangue effeminatus serpentarius retiens
bestiam et est lator serpentis ofiulcus vel haphinleus (?)
esculapius

## Michael Scot - derived

Ludovicus de Angulo



St Gallen, Vadianische Libr Ms 427
n.b. - stabds facing viewer, Serpens faces Oph and curls around waist and through legs, stands on Scorpio
 Aellas $\cdot x \cdot x$ sors


Florence, Bibl. Riccardiana
Ms 3011
n.b. - similar, but more curls in Serpens


Madrid, BN
Ms 9267
n.b. - closer to St Gallen

## Michael Scot - derived

Ludovicus de Angulo


Paris BN
Lat 6561
n.b. - similar
 tuef iffert amporfoncet Efrorpion fino lequdffffidre vMndage fowpetarme ot, तx cforace


Paris BN
Fr 612
n.b. - similar, but much wilder, also note huge antennae on Scorpio


Paris BN
Lat 7344
same

## Lambertus, Liber Floridus



## Hague

Ms 72.A. 83
n.b. - facing viewer, Serpens faces away and wraps around waist, not on Scorpio


Hague
Ms 128 C
same


Paris, BN
Lat 8865
n.b. - Ophiuchus as a Bootes-like figure standing on Scorpio with one foot; no Serpens


Chantilly, Petit Château
Ms 724 (1596)
n.b. - standing towards right, Serpens around waist


Leiden, Univ-bibl
Ms $1^{\circ} 31$


## Ghent

Ms 92
n.b. - facing away from viewer,

Serpens faces away and wraps around waist, not near Scorpio


Wolfenbüttel, WDB,
Ms Gud lat 1
n.b. - same, but stands on Scorpio


Vatican BAV
Val Lat 3121
n.b. - stands facing viewer in front of legless dragon that faces to right, looks up, not on Scorpio


Madrid, BN
Ms 1983
n.b. - same


Fermo, Bibl. Com.
Ms 4


Florence, Bibl. Laurenziana
Aedil 170
n.b. - similar, but Serpens more
snake-like and more curls


London, Lambeth Palace
Ms 35


Florence, Bibl Laurenziana

## Plut 4053

n.b. - facing away from viewer, Serpens faces Oph and wraps around waist, not on Scorpio

detail from planisphere
Serpens in front siagnonaaly, stand on Scorpio

cf. Beer 1932, p. 299 (reversed)

n.b. - nude, standing away from viewer, snake horizontal with face to left, both Oph feet on back of Sco


Florence,Mus delle Scienze, no. 2712
dated 1025 AD
n.b. - facing the viewer, Serpens faces away and passes between legs, standing on Claws of Scorpio


Paris globe GA 325
n.b. - similar, but Serpens passes in front of legs, note how holds Serpens from underneath


Smithsonian Mus, no 72-3085
Cf: Savage-Smith 1985
n.b. - faces viewer, Serpens faces upwards with knot in neck and curl in tail, passing in front of Ophiuchus's thighs, one foot on back of Scorpio


## 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. - faces viewer, Serpens faces upwards with knot in neck, passing in front of/behind Ophiuchus's hips

Istanbul, Süleymaniye Libr
Ms Fatih Kütüphanesi 3422
1125/26 AD; Mārdin



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


Oxford, Bodleian Library
Huntington Ms 212
1170/71 AD; Mosul
n.b. - faces viewer, Serpens faces upwards with curl in neck and tail, passing in front of/behind Ophiuchus's hips


Oxford, Bodleian Libr
Ms Marsh 144
dated 1009-1010 AD /probl. late 12th C AD; Shiraz (?), Iran similar


Berlin, Staatsbibl.
Ms qu or 704
c. 1203


Vatican, BAV
Ross 1033
1224 AD, Ceuta (?) N Africa
similar, figure 8 in Serpens's neck; second Ophiuchus female (!)


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


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


Paris BN
Arabe 2488
mid-13th C, Ceuta (?) N Africa similar


0


Paris BN
Arabe 2489
1266-67 AD; Syria?
similar
similar



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


Cairo, National Libr Ms Dar al-Kutub miqãt 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


## Paris BN

Ms arabe 5036
c. 1430-40, Samarkand similar


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
non-Latin Eastern mss (al-Sufi, Kitāb suwar al-kawākib al-tēabita)


## Paris BN

Arabe 2491
1770 AD
similar


Paris BN
Arabe 2492
18th C
similar


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
Serpens between legs


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


Paris BN
Arabe 6528
India, 1643-44


New York, Met Museum of Art
Ms 1975.192.2
attr. Iran (?), 18th C
non-Latin Eastern mss - al-Sufi translations, etc.

al-Sufi, at-Tusi transl???


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


St Petersburg, Ms E (?) Qazwini


Baltimore, Walters Art Gall
Ms W 359
Qazwini -
n.b. -Oph as king, Serpens and sluglike


## Paris BN

Arabe 2178
1762-63 AD -
n.b. - similar, but with dragon head


Washington DC, Freer Ms 1954-52 (ex-Sarre) Qazwini
n.b. - Serpens's knot in front of hips

## Sufi latinus - I

Stellatio afeichus et est alangue id est effeminatus et est lator serpentis // stellatio serpentis alangue


Paris, Bibl Arsenal
Ms 1036
n.b. - walks to right, Serpens raises head with curl in neck and tail passes behind hips


Prague, Strahov
DA. II. 33
n.b. - similar
missing from manuscript

Berlin, Staatsbibl, KK
Ms 78 D 12

## Sufi latinus - II

Ophiuchus


## Munich, Staatsbibl

Clm 826
similar


Gotha, Forshungsbibl
Membr II 141
same


Catania, Bibl Univ
Ms Univ Ar, 387
n.b. - twice - one following al-Sufi type; other with back to viewer, Serpens facing and wrapped around waist, loop at tail, stading on Scorpio


Vienna, ONB
Cod 5318
same


## Bernkastel-Kues, Nicolaus hosp.

Ms 207
n.b. - Ophiuchus similar, but nude;
note separate depiction of Serpens as 2-legged dragon
aimedio netosmueftriofat previa mas momphaturite fingotuts:-


El Escorial
Ms h 115 - stradling a snake





and 2 more


Vatican BAV
Reg lat 1283a


Vatican BAV
Vat lat 8174
Cacciatore delle stette serpi [sic] ... e chiamasi in latino venator serpentum e in arabico alhave hualhaya

## Alfonsine iconography



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. - standing facing viewer, Serpens as snake behind hips
Stellacio afficius et est alange id est effeminatus et lator serpentis offiulchus


Separate depiction of Serpens as 2legged, winged dragon alange

## Alfonsine Stellar Tables



## Vatican, BAV

Urb lat 1399
n.b - same

Lator serpentis
with separate Serpens as 2-
legged, winged dragon
serpens


Oxford, Bodleian Library

## Can misc 554

n.B - three versions of Ophiuchus (with possible contamination with Andromeda in female figure ?) and Serpens as a separate 2 legged winged dragon

## Alfonsine Stellar Tables



Bergamo, Bibl A Mai
Ms $\Sigma I I 2$
n.b. - stands in front of Serpens Stellatio afrircins/africins et est alange id est effeminatus et est lator serpents.

Vatican, BAV
Vat lat 3099
same
same


Stellatio affriceis


Brussels, Bib Roy
Ms 10117-26
n.b. -nude and facaing away from viewer, walking to left, Serpens faces and wraps around hips Forma et stelle Offiuches seu alangue et dicitur effeminatus et est lator serpentis vel carnabonta


Brussels, Bib Roy
Ms 10117-26
n.b. - Seroens as separate dragon

Forma et stelle alangue id est
serpentis


Vatican BAV
Pal lat 1368
n.b. - only once, vertically on page, three prongs from head Stella alangue ... latoris serpentes Officius

Serpens alone as snake serpentes alangue


## Vatican BAV

Pal lat 1377
n.b. - nude, from rear, Serpens faces and forms X across waist; Serpens alone as snake
Forma et stelle offiachos seu alangue et dicitur effeminatus et est lator serpentis


## Torun

Ms 35
n.b. - back to viewer, Serpens faces away and wraps around waist; Serpens on own as snake
Serpentarius, tenens serpentem, offiulchus, serpentarius alange effeminatus


Augsburg, Univ-bibl.
Cod II 1.2o 110

## 'Ptolemaic' picture books



Basle, Univ-Bib
Ms F. II. 33
n.b. - facing viewer nude, straddling Serpens who looks away from Oph, curls in neck and tail

Ophiuchus


Florence, BNC,
Ms Angeli 1147
n.b. - faces away from viewer to right, Serpens looks away and has multiple curls


## Vienna ONB

Vienna 5415
n.b. - faces viewer, Serpens lifts head and has multiple curls, cf Klosterneuburg
Stellatio serpentis alange ... serpentarius


Vienna ONB 5415
northern hemisphere
faces away from viewer, similarly knotted Serpens, one foot on Scorpio


Phildelphia, U Penn
Ms LJS 57
n.b. - faces viewer, Serpens raises head, passes behind hips

northern hemisphere
n.b. - faces viewer, Serpens faces away, both feet on Scorpio


Vienna, ONB
Hebrew 132



## Vatican BAV

Urb lat 355
n.b. - Serpens alone; Oph kneels facing viewer with Serpens facing upwards and passing behind hips


## Vatican BAV

## Vat lat 1650

n.b. - Serpens same, Oph standing with Serpens between legs


Bernkastel-Kues
St Nicholas-Hospital
Ms 212 (hemispheres)
n.b. - faces viewer, flat Serpens,
not on Scorpio


Darmstadt, , Univ- and Landesbibl.
Ms 1020
northern hemisphere
n.b. - faces viewer, Serpens with head raised and wraps around waist, stands on Scorpio


## Cusanus globe

© Petr Hadrava
n.b. - back to viewer, Serpens faces Oph


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

winter hemipshere
Ophiuchus on Scorpio in zodiac


Triptolemus
Plaque from ivory casket,
Cividale, Museo archeologico
cf: Weitzmann, Greek Mythol., 1951, pp. 155-56


Ophiuchus/Serpentraius
St Peter's throne - right slope of gable cf: Weitzmann


Dürer, Aesclepius with snake and glass c. 1500

Berlin, Staatliche Museen


Francesco di Giorgio, Aesculapius or Laocoon
Dresden, Staatliche Kunstsammlung



[^0]:    Vienna, ONB
    Vindob 2352
    n.b. -similar

