

The Voynich Manuscript Astronomical Folio 68v1

Abstract: The Voynich Manuscript folio 68v1 states that the Sun is a star. It is the third of three folios, f.68v1, f.68v2, and f.68v3, that discuss the heliocentric solar system. They are all noteworthy as they proposed the heliocentric solar system 100 years before Galileo.

"All our knowledge has its origins in our perceptions." — Leonardo da Vinci (i)

Introduction

In the Middle Ages, about the time the VM was written, the Roman Catholic Church advocated a geocentric universe, the Earth was at its center and the Sun, Moon, and planets revolved around it. Anyone opposing their teachings was in serious trouble and could be put to death. The starting point for decoding the hieroglyphs from the two circles and the spokes in this folio is indicated in Plate 1. The encoded text proposes that the Sun is a blazing star that provides the round circular Earth with light.

Plate 1: The Voynich Manuscript Folio 68v1 - asterisks mark where encoding starts



Outer circle: A round circle about a star light it is the Sun it is by the Earth. Well light if it is now alas and it is about where there such a thing as light, if it is to place light for there is the Earth for then as from the Earth it is with the Sun and then as with or else as the Earth as by a circle around a star there is where the Earth is there for what there is well a round circle about a star in that place well it is for a jest well it is about the Earth it is by the Sun and the Earth it is a round circle about the star moreover as it is there where it is.

Inner circle: The Sun as it is or else what the Sun hold from such like the Earth light it is a round circle about a star or else with the Sun as it is now I know it is now what it is about, then as with the Earth for there it is to favor the Earth, then as the world and it is to turn, more over it is for the Earth and well as the Earth it had a round circle about a star as thou knowest for it is true as the Sun is or it is more over there. The Earth as it is there as well. About then as well for it is.

Spoke 1: He knoweth if now as a certain blazing star

Spoke 2: the sun as it is a certain blazing star for

Spoke 3: the Earth well as it was a round circle about a star

Spoke 4: as there or if there is there round circle about a star as

Spoke 5: it is for the Earth light and it is light the Sun is

Spoke 6: in Greek secret mysteries if it is for the Earth and it is to as

Spoke 7: or else it is as well whether if a round circle about a star

Spoke 8: as it had there as for what.

The combined spokes: He knoweth if now as a certain blazing star the sun as it is a certain blazing star for the Earth well as it was a round circle about a star as there or if there is there round circle about a star as it is for the Earth light and it is light the Sun is in Greek secret mysteries if it is for the Earth and it is to as or else it is as well whether if a round circle about a star as it had there as for what.

Discussion

Aristarchus of Samos (c. 310 - c. 230 BCE) an ancient Greek mathematician and astronomer (ii) “was, as far as we know, the first one to suggest that the Sun is a star. His ideas were met with disapproval and he was finally imprisoned for impiety because his ideas did not fit the prejudices of the time (iii). In 1600, Giordano Bruno suggested that the Sun is a star like the other stars. He was condemned by both the Roman Catholic and Reformed Churches for this as well as other things and was burnt alive for heresy’ (iv). The Italian astronomer and scientist Galileo,(v) in 1610, using a telescope was the first to propose the heliocentric solar system, that the Sun is a star and the Earth and planets revolve around it. The VM has been carbon dated to 1430 +/- 30 years (vi), about 150 years before Giordano Bruno

suggested that the Sun is a star. The author of the VM should be given the credit for being the first since Aristarchus to suggest the Sun is a star.

Conclusion

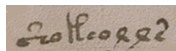




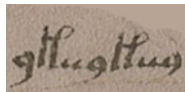
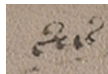
In an earlier article I provide evidence that the VM was written by Leonardo da Vinci (vii). Considering his intellect and interest in the world around him, it is not surprising that he recorded in the VM that the Sun is a star. Leonardo, who lived about 150 years before Giordano Bruno, was wise to record astronomical ideas in code that until now no one has been able to read. He should be credited for being the first astronomer since the early Greek astronomers to predict a heliocentric solar system that the decoding of this folio and folios 68v2 and 68v3 reveals.

Appendix

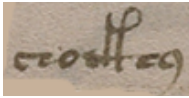
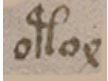
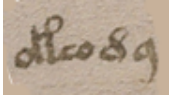
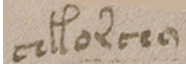
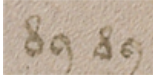
The Hieroglyphs were transposed using my AVA alphabet (viii), decoded using anagrams and translated into English using Florio's 1611 Italian English dictionary (ix).

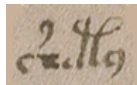
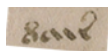
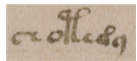
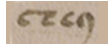

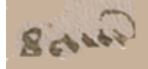
Outer circle

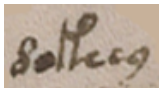
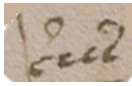
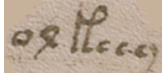
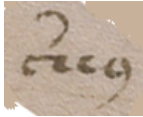
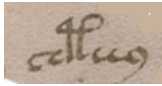
1		Teeeia	Ai ete	<i>A'ia, round circle about a starre</i> <i>E'tere, as E'thera , as E'tra, light</i>
2		Olees	Sole * E	<i>Sóle, the Sunne</i> <i>E', it</i>
3		Aeeb	Ee Ab	<i>E'c, vsed of Dante for E', is</i> <i>Ab, by</i>

4		Teotleeiis	I Telo Si Ete	E'tere, as E'thera , as E'tra, light I, the Télllo, earth Si, As well
5		Ees	Se E	Sè, if E', it
6		Oeer	Ee Or	E'c, used of Dante for E', is Or', as O'ra, now.
7		Oi	Io I	I'o, I
8		Aeed	Ee	E'c, used of Dante for E', is Da, about
9		Atluatleeeea	Ve La Tal A ete	Vè, where Là, there Tàle, such a thing A, as E'tere, as E'thera , as E'tra, light
10		Tees	Et Se	Sè, if E't, moreover

11		Colea	E loca	E', it is Locáre, to place
12		Atleea	Ete a la	E'tere, as E'thera, as E'tra, light A, for Là, there
13		Oeed	Ee do	E'c, used of Dante for E', is Dò, where
14		Otlealeea	La Ee telo A	Là, there E'c, used of Dante for E', is Téllò, the earth. A, for
15		Cheoba	O ** Che ab	O, as Chè, then Ab, by
16		Cesotleoleoba	Sole E Telo o ce	Sóle, the Sunne E', it is Téllò, the earth. O, or C'é, there is.

17		Cochea	Che ca o	Chè , <i>then</i> Cá , Cáfa , <i>not named and yet ment</i> O , <i>as</i>
18		Olio	Ol o l	Ol , <i>or els</i> O , <i>as</i> I , <i>the</i>
19		Otleoba	Telo ab	Téllo , <i>earth</i> O , <i>as</i> Ab , <i>by</i>
20		Ctloreea	Telo Ce Ar	Téllo , <i>the earth</i> C'é , <i>there is</i> A'ra , <i>as A'ia, round circle</i> <i>about a starre</i>
21		Ba ba	Ab	Ab , <i>from</i> Ab , <i>by</i>

22		A Eeeela	La E e Ee A	Là, there E', and E', it E'c, used of Dante for E', is A, for
23		Oleea	O*** la ee	Là, there E'c, used of Dante for E', is O, as
24		Baer	Be ar be	Bè ? well A'ra, as A'ia, round circle <i>about a starre</i>
25		Coleba	Cola Be	Colà, in that place Bè ? well
26		eeee	E Ee A	E', it E'c, used of Dante for E', is A, for
27		Bai*	Bai	Bàia, a iest
28		Baeed	Be E Ad	Bè ? well E', it is Da, about

29		Botleea*	Telo E Ab	Téllò, the earth. E', it is Ab, by
30		Lo Ees	Sole e	Sóle, the Sunne E', and
31		Oitleea	Telo Ee Ai	Téllò, the earth. E'c, vsed of Dante for E', is A'ia, round circle about a starre
32		Teea	Et A E	E't, moreouer A, as E', it is
33		Eelua	E ue La	Là, there Vè, where E', it is

“A round circle about a star light it is the Sun it is by the Earth. Well light if it is now alas and it is about where there such a thing as light, if it is to place light for there is the Earth for then as from the Earth it is with the Sun and then as with or else as the Earth as by a circle around a star there is where the Earth is there for what there is well a round circle about a star in that place well it is for a jest well it is about the Earth it is by the Sun and the Earth it is a round circle about the star moreover as it is there where it is”


Inner circle

1		Oleeos	Sole O e	<i>Sóle, the Sunne</i> <i>O, as</i> <i>E', it</i>
2		Oleoi	Ee Ol o i	<i>E'c, used of Dante for E', is</i> <i>Ol, or els</i> <i>, O, what</i> <i>I, the</i>
3		Otleos	Sole To	<i>Sóle, Sunne</i> <i>Tò, hold</i>
4		Otleoba	Ab O Telo	<i>Ab, from</i> <i>O, such like</i> <i>Téllò, the earth</i>
5		Eteo	Ete O **	<i>E'tere, as E'thera, as E'tra, light</i> <i>O, as</i>
6		Aleoi	E lo ai	<i>E', it is</i> <i>A'ia, round circle</i> <i>about a starre</i>

7		Olcoi	Ol co i	<i>Ol, or els Co, with I, the</i>
8		Oleeos	Sole O E	<i>Sôle, Sunne O, as E', it is</i>
9		Or	Or	<i>Or', as O'ra, now.</i>
10		Eeeos	So E Ee	<i>Sò, I know E', it E'c, used of Dante for E', is</i>
11		Or	Or	<i>Or', as O'ra, now.</i>
12		Ochoaeed	O Che E Da O	<i>O, what E', it is Da, about Chè, then O, as</i>
13		Coi	Co I	<i>Co, with I, the</i>

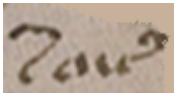
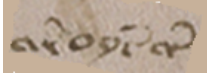
14		Atleea	Ete * La A *	E'tere, as E'thera , as E'tra, light A, for Là, there
15		Otleoleea	E Olea Telo	E', it is Oleàre, to savour Téllò, the earth.
16		Cheoi	Che O i	Chè, then O, as I, the
17		Eeeobaer	Orbe E e ee a *	O'rbe, world E', and E', it E'c, used of Dante for E', is A, to
18		Eeutlcea	Auec Et le	Auéce, turne E't, moreover Le, is

19		Etleoba	A Telo e be	A , for Té llo, the earth E' , and Bè ? well
20		Otlea	A telo	A , as Té llo, the earth
21		Baieeb	Ebbe ai	E' bbe, it had A' ia, round circle about a starre
22		Saia	A Sai	A , as Sái , thou knowest
23		Olealea	A E leal o	A , for E' , it is Le ále, true O , as
24		Oleees	Sole Ee	Só le, the Sunne E' c, used of Dante for E' , is

25		Eeeo	O E Ee	O, or E', it E'e, used of Dante for E', is
26		Etlea		E't, moreover Là, there
27		Otlea	A Telo	A, as Téllò, the earth
28		Oleea	Ee La O	E'e, used of Dante for E', is Là, there O, as
29		Baed	Be Ad	Bè, well Da, about
30		Baeeecha	Che be a e a	Chè, then Bè, well A, for E', it is

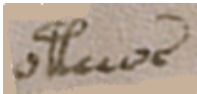
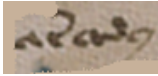
“The Sun as it is or else what the Sun hold from such like the Earth light it is a round circle about a .tar or else with the Sun as it is now I know it is now what it is about, then as with the Earth for there it is to favor the Earth, then as the world and it is to turn, more over it is for the Earth and well as the Earth it had a round circle about a star as thou knowest for it is true as the Sun is or it is more over there. The Earth as it is there as well. About then as well for it is.”

Spoke 1

1		Saes	Sa Se	<i>Sa, Hee knoweth</i> <i>Sè, if</i>
2		Aroosor	Or O Rosa	<i>Or', as O'ra, now</i> <i>O, as</i> <i>Rósa, a certaine blazing Starre</i>

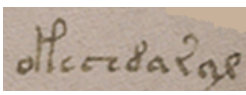
"He knoweth if now as a certain blazing star"

Spoke 2

1		Oleeos	O Sole E	<i>Sóle, the Sunne</i> <i>O, as</i> <i>E', it is</i>
2		Arosa	Rosa A	<i>Rósa, a certaine blazing Starre</i> <i>A, for</i>

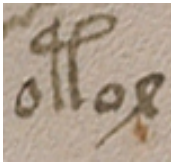
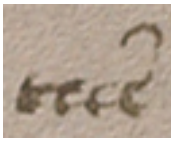
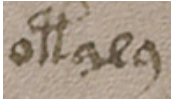
"The sun as it is a certain blazing star for"

Spoke 3

1		Otleeebarai	Telo Be A er ai	<i>Télló, the earth</i> <i>Bè, well</i> <i>A, as</i> <i>E'ra, it was</i> <i>A'ia, round circle</i> <i>about a starre</i>
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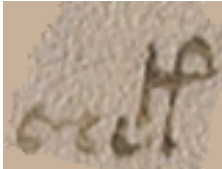
"The Earth well as it was a round circle about a star"

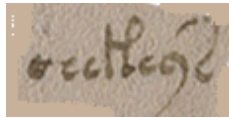
Spoke 4

1		Olio	O Li O	O, as Lì, there O, or
2		Cees ?	Se Ce	Sè, if C'é, there is
3		Olaia	La Ai O	Là, there A'ia, round circle about a starre O, as

"As there or if there is there round circle about a star as"


Spoke 5

1		otlea	E A Telo	E', it is A, for Téllò, the earth
2		eeetl	Le ete e	E'tere, as E'thera, as E'tra, light E', and Le, in rs

3		oeetleas	Ete Sole ee	E'tere, as E'thera, as E'tra, light Sóle, the Sunne E'c, vsed of Dante for E', is
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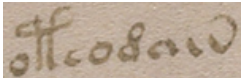
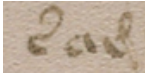
"It is for the Earth light and it is light the Sun is"

Spoke 6

1		Bas	Sab	in Greeke secret misteries
2		A Cees	Se E Ee A	Sè, if E', it E'c, vsed of Dante for E', is A, for
3		Eeotlea	Telo E E a Ee	Télllo, the earth. E', and E', it is A, to.
4		O	O	O, as

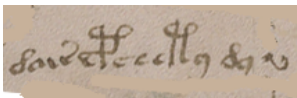

"In Greek secret mysteries if it is for the Earth and it is to as"

Spoke 7

1		Oleobaed	Ol E A Be Do	<i>Ol, or els</i> <i>E', it is</i> <i>A, as</i> <i>Bè ? well</i> <i>Dò, where</i>
2		Saei	Se Ai	<i>Sè, if</i> <i>A'ia, round circle</i> <i>about a starre</i>

"Or else it is as well whether if a round circle about a star"

Spoke 8

1		Baerpeeelabaia	A Ebbe La peri	<i>A, as</i> <i>E'bbe, it had</i> <i>Là, there</i> <i>A, as</i> <i>Pèr ì, for</i>
2		O	O	<i>O, what</i>

"As it had there as for what"

Acknowledgements

I would like to thank Rene Zandbergen for all the help and information he has provided. I am indebted to The Beinecke Library for making the Voynich Manuscript available on the internet, to my son Kevin and daughter Erica for posting this Article, and my daughter Karen for the ideas and information she provided about the Sun and stars, and for editing this article.

References

i <https://www.leonardodavinci.net/quotes.jsp>

ii https://en.wikipedia.org/wiki/Aristarchus_of_Samos

iii https://en.wikipedia.org/wiki/Aristarchus_of_Samos

iv <http://solar-center.stanford.edu/FAQ/Qsunasstar.html>

v https://en.wikipedia.org/wiki/Galileo_Galilei

vi <http://www.radiocarbon.org/>.

vii <http://www.edithsherwood.com/folio-116/index.php>

viii <http://www.edithsherwood.com/voynich-botanical-plant-anagrams/index.php>

ix <http://www.pbm.com/~lindahl/florio/>