

texture, even after death, more tender than the rest. The other viscera had not the least change of their colour, but exhibited a sound and natural appearance.

Another child, which I saw, was seized with a dysentery, attended with a very ardent fever; which, notwithstanding my utmost endeavours to relieve it, carried off the poor infant on the third day. Several, almost the whole, of this child's discharges by stool were nothing but blood. Upon opening the body after death, the whole of the intestines were in a very great degree inflamed, and of an intensely deep red colour, and the contents of the abdomen were inexpressibly fetid.

Throughout the whole course of the disease, keeping the patient moderately warm and promoting his perspiration, was of great importance; and the not sufficiently attending to this, I more than once saw followed by fatal effects.

*CVI. Viro inclyto ac de Republica Literaria  
meritissimo D. C. Morton, Med. Doct. So-  
cietati Regiæ Scientiarum Londinensi ab  
Actis S. P. D. Joannes Lulofs.*

Read Dec. 4,  
1762. **N**ISI morbo sic fatis diuturno fuissẽm  
retentus, dudum, Vir spectatissime,  
ad te dedissẽm literas, gratias acturus, quod me quo-  
que illustri societatis Regiæ Præfidi ac reliquis ejusdem  
inmembris ita commendare volueris, ut, quantum mihi  
ex

ex literis quibusdam ex Anglia missis constitit, inter societatis membra numerari mihi contingat : id omni verum contentione me facturum promitto, ut eo nomine haud indignus penitus haberi queam. Licet autem Patriæ Fluvii, quorum cura mihi a summis Imperantibus est commissa, multum istius temporis, quod olim astronomiæ ac cœlestibus observationibus dare solebam, mihi eripiant, attamen ita Uraniæ amor imis medullis est infixus, ut saltem notabiliora cœli phænomena observare nunquam intermittam : ideoque non ingratum fore tibi, Regiæque Societati confido, si hisce inferam brevem observationum recensioem, quas circa utramque Lunæ, ut et circa Solis eclipsin, quæ hocce anno contigerunt in nostro observatorio habui.

Observatio deliquii Lunaris 8 Maii 1762.

Tempore vero - II.	32	46	{ Penumbra admodum densa in Lunæ disco apparebat.	
	34	26	Penumbra densa ad Keplerum.	
	36	41	Umbra aliquantum dubia ad Keplerum	
	41	21	Umbra ad Grimaldum.	
	44	16	Grimaldus totus in umbra.	
	51	6	Umbra ad Platonem.	
	51	52	———— ad Copernicum.	
III.	2	18	Digiti obscurati	4, 93
	6	56	Umbra ad Manilium	
	13	6	Digiti obscurati	6, 47
	23	49	————	7, 56
	34	34	Mare Crisium totum in umbra.	
	43	38	Umbra ad Tychonem.	
	50	56	Tycho tantum non totus in umbra.	

Post horam III. 51' 0'' Luna nimium accedebat ad horizontem, ita ut propter vapores, prope eundem hærentes, maculas Lunares non amplius discernere liceret.

ceret. In determinandis phasibus ufui mihi fuit egregium micrometrum Bradleianum ab Hearnio paratum, atque adplicatum telescopio Newtoniano 7 pedum: lens tamen micrometri, cum speculo juncta, tantum amplificat diametrum apparentem 45<sup>ies</sup>.

Obfervatio eclipsis Solaris 17 Octob. 1762.

	h	'	''					
Tempore vero VII.	17	50		ex nubibus emergebat Sol, eclipsis jam inceperat, fere 0,75 digitorum.				
	21	10		partes micrometri 38	33	digiti obfcurati	1,170	
	26	50	- - -	35	37	- -	1,974	
	32	54	- - -	33	5	- -	2,756	
	37	19	- - -	29	34 $\frac{1}{2}$	- -	3,666	
	46	53	- - -	26	28	- -	4,718	
	53	20		Luna ad macularum maximam.				
	55	5	- - -	24	20	- -	5,163	
	58	50	- - -	24	0	- -	5,302	
VIII.	1	22	- - -	23	25	- -	5,407	
	3	32	- - -	23	0	- -	5,581	
	8	41	- - -	23	0	- -	5,581	
	15	50	- - -	23	5	- -	5,548	
	21	12	- - -	24	20	- -	5,163	
	22	58	- - -	25	20	- -	4,884	
	25	48	- - -	26	20	- -	4,605	
	35	42		Macula memorata tota emergit.				
	39	12	- - -	31	20	- -	3,209	
	51	39	- - -	37	0	- -	1,675	
	56	55	- - -	39	20	- -	0,990	
IX.	3	12		Finis.				

Micrometrum ita est constitutum, ut in unaquaque revolutione cochleæ contineantur 40 partes minores, quapropter notavi partes tum majores sive resolutiones, tum minores, quæ inter limbum Lunæ & inter limbum Solis comprehendebantur: cum autem Solis diameter

meter horizontalis occuparet 43 partes majores, facilis erat determinatio digitorum obscuratorum.

Observatio defectus Lunarıs I Novemb. 1762.

	h	'	"	
Tempore vero VII.	30	26		Penumbra densa apparet, ita ut initium non longe abesse judicarem.
	40	30		Umbra ad Grimaldum & simul ad mare humorum.
	44	56		Grimaldus totus obtegitur.
	52	26		Tycho totus tegitur.
VIII.	14	4		digiti obscurati - - - 5 6 54
	22	48		- - - - - 6 4 24
	31	49		- - - - - 6 27 39
dubia	50	14		Copernicus totus tegitur.
IX.	3	6		Copernicus totus extra umbram.
	9	16		Umbra per medium Grimaldum.
	11	1		Grimaldus totus extra umbram.
	27	59		Dionysius extra umbram.
	40	56		Umbra ad Schickardum.
	43	9		Schickardus extra umbram.
	48	17		Capuanus extra umbram.

Post horam IX. 50' nebula sensim densior evadens impediēbat, quo minus phasēs notare, maculas discernere & eclipsis finem observare potuerim.

Id autem miratus fui in hoc Lunari deliquio, penumbram adeo mature sese monstrasse, 7 vel 8 minutis primis, antequam ipsam umbram animadverterem.

Vale, vir spectatissime, tibi que persuadeas, me nominis tui perpetuum fore cultorem. Dab. Lugduni Batavorum a d. Novembris MDCCLXII.