

II. *Observations of the Eclipse of the Moon, Octob. 10th. 1725. made at Bristol, by John Burroughs Esq; communicated in a Letter to Mr. Cheselden, Surgeon to St. Thomas's Hospital, F. R. S.*

THE cloudy Weather here prevented us from seeing the Beginning of the Eclipse, or of total Darknes; but I observed, pretty exactly, the first Appearance of Light, after the total Darknes, and the End of the Eclipse; and their respective Times are as follows, *viz.*

	h	/	//	
Beginning of Light	7	31	20	}
End of the Eclipse	8	29	30	

} apparent Time.

Some small Time before the renewal of true Light, there appeared a remarkable Brightness upon the Eastern Limb of the Moon, which I am not certain how to account for; at first I reasoned with my self in this Manner; That all the Light which the Moon has, during her total Immersion in the Shadow, is by Rays from the Sun, refracted through the Earth's Atmosphere, and consequently those Rays must be in greater Plenty, near the Edge of the Shadow, than near the Axis. But this does not fully answer the Phænomenon, because the Light I speak of, was not only upon the Moon itself, (on whose Eastern Limb there was a manifest increase of Light, as she approached the Edge of the Shadow) but it was also diffused about the Edge of the Moon, to a sensible

2.

Distance,

Distance, which I would certainly have measured, if I had had proper instruments. And if others, who are more skilled in these Affairs, have made the like Observation, I shall no longer doubt of the Moon's having an Atmosphere.

Bristol, Feb. 19.
1725.

III. *Sceleton duorum Humanorum petrefactorum pars. Ex Epistola Joh. Jac. Scheuczer, M. D. R. S. S. ad Dom. Hans Sloane, Baronettum, S. R. V. Pr.*

NOSTI, Vir Expertissime, ex hominum diluvio submersorum genere paucas superstites esse reliquias. Neque ego hactenus in numerosa fatis collectione plures habui quam binas dorsi vertebrae, atro- nitentis splendoris, petrefactas. Nunc autem, ἀρχαῖον τύχη μουσεῖο μου illatum, lapidi fossilis Oeningensi immersum λείψανον, omni attentione dignissimum, in quo distincte cernere licet, non vagæ imaginationis simulacra, sed capitis humani à quovis alio animantium genere distinctivi partes benè multas, reapse residuas, cranii ambitum, os frontis, ossa sincipitis, occipitis, orbitam oculi, bases cerebri & medullæ oblongatæ λείψανα, prominentiam interiorem ossis occipitalis, quæ cerebelli lobos separat, colli vertebrae numero 7, partim denudatas, partim lapideo cortice tectas, & est hæc veluti orthographica sectio posterioris capitis partis.

Sed