kind, that (altho I ſeldom love to ſpeak confidently, yet) I can aſſure every one that there are but two ſorts of them in thoſe parts of *England* where I have been, *viz.* the few quick beats of the *Scarabæus Sonicephalus* as *Swammerdam* hath nam'd it) deſcrib'd by Mr *Allen*; and the longer and more leiſurely Beats of that Inſect I have now been ſpeaking of. There are indeed *Scarabæi* Graſ-hoppers, Crickets, *&c.* which make peculiar noiſes. But there are no Creatures which make theſe regular clicking noiſes (like the Beats of a Pocket-Watch) but only that *Scarabæus Sonicephalus*, and our *Pediculus Pulſatorius.*

IV. *Defectus Lunæ Obſervatio, die Solis* 12° *Decembris, habita prope Mercatorium Regium Londini, a J. Hodgſon R. S. S. tempore matutino, A.* 1703.

PArato Teleſcopio pedum duodecim longitudine eoque ad altitudinem idoneam ſublato hora quarta matutina, non levis mihi affulſit ſpes, fore, ut ipſum Eclipſeos initium perciperem, quia etſi Cœlum non plane eſſet ſerenum, Nubes tamen adeo erant tenues ut ipſum Lunæ limbum facile cernerem, & per intervalla quædam præcipuæ Lunæ maculæ diſtincte conſpiciebantur, ſed 20 min. aut circiter poſt quartam denſæ nubes obortæ ſunt; quæ cum ferrentur a plaga Cœli quæ eſt inter occidentem & Auſtrum, verſus partem oppoſitam ita Lunam obtexerunt ut mihi nullomodo conſpicua fuerit niſi 35 min. poſt quartam tunc enim inconſpectum meum rediit,& mihi viſus eſt tantus ab Orientali ora defectus quantus fieri potuit 3 aut 4 minutis horariis ab ingreſſu primo in umbram numeratis, ejus maculas ſat diſtincte percipere non potui, ad decernendum qua parte illa deliquium pati cœpit, nec licuit per tempus Eclipſeos quantitatem dimetiri; ſed 4 min. poſt

poſt 5 quantum conjectare potui illa ſex fermè digitorum ſpacio obſcurata fuit. Eam vidi per intervalla uſque ad horam quintam cum 35 min. quo tempore deerant ad ſummum 3 min. à totali ejus immerſione, tunc autem parva Nubes ſed denſa ita Lunam operuit, ut eam amplius non viderim & quamvis maxime intentus fuerim, ut ſi fieri poſſet ejus Emerſionem viderem nullomodo mihi licuit tum ob craſſitiem Vaporum qui erant circa Horizontem, tum ob diei adventantem lucem eam oculis cernere. Ab initio uſque ad tempus Immerſionis Luna mihi conſpicua facta eſt pluſquam Vigeſies, ſed propter intercurrentes Nubes, & breve temporis ſpatium quo eam intueri licebat penes me non fuit quidquam exacte, ſatis definire at quamvis hæc Obſervatio utilis valde eſſe non poſſit ad Lunarios numeros expendendos, illa tamen ſufficit ad curioſis ſatisfaciendum eoſque convincendum illos numeros non multum a vero aberrare.

VI. *An Extract of a Letter from Mr* Ralph Thoresby, *F. R. S. to Dr* Nehemiah Grew, *Fellow of the College of Phyſicians and R. S. concerning a Ball voided by Stool.*

A Poor Apprentice Girl at *Rawden*, 4 miles from *Leedes* in *Yorkſhire*, about 14 years of Age, having been tormented with Colical, and, as was ſuppos'd, Nephritick Pains for ſome time; at length voided a roundiſh Ball, *per Anum*, as hard to feel upon as a Stone.

After a while, the Pains returning with greater violence, ſo as to make her roul upon the ground, ſhe voided another as hard, and much bigger.

Upon which, one Mrs *Ward* a neighbouring Gentlewoman, who had been much afflicted with Gravel, gave