

*Occultation of the Pleiades by the Moon, on Nov. 12, 1856,  
as observed at Madras. By Capt. Jacob.*

			Madras Sidereal Time.			
			h	m	s	
"	Tauri	disappearance	7	17	48.2	(a)
23	—	reappearance	26	50.2		
1176	B. A. C.	disappearance	34	24.2		
27	Tauri	disappearance	48	24.2		(a)
"	—	reappearance	48	44.2		(b)
28	—	disappearance	58	42.2		
1188	B. A. C.	disappearance	8	4	28.2	} (c)
1186	—	disappearance	6	46.2		

Interrupted by clouds and rain. Moon very near the full. Power employed, 114.

(a) The star seemed to slide on to the moon, but was not distinctly visible on its face. Sky hazy, with flying clouds.

(b) Doubtful to about 1<sup>s</sup>, being hurried from the previous observation.

(c) Uncertain to 2<sup>s</sup> or 3<sup>s</sup>, the stars being dim through the haze.

*Occultations of Stars by the Moon, observed at Highbury.  
By T. W. Burr, Esq.*

The following occultations in the year 1856 have not been previously reported:—

		Mag.		Local Sid. Time.			
				h	m	s	
Jan. 12	27 Piscium	5	Immersion	1	16	39.9	Dark limb.
			Emersion	1	33	4.4	Bright limb.
March 13	136 Tauri	4½	Immersion	8	19	23.9	Dark limb.
			Emersion	9	31	7	Bright limb.
July 25	τ <sup>2</sup> Arietis	6	Immersion	20	48	23.9	Bright limb.
			Emersion	20	59	57.9	Dark limb.
	65 Arietis	6	Immersion	21	10	56.9	Bright limb.

The immersions of τ<sup>2</sup> and 65 *Arietis* are rather uncertain. The first ran along the edge of the lunar crescent for some seconds, rendering the moment of disappearance doubtful, and the latter was affected by the boiling and bad definition of the moon's limb. The other observations are good.

*Notice of his Solar-spot Observations. By R. C. Carrington, Esq.*

It is pretty generally known that during the past two years the surface of the sun has exhibited a comparative state of quiescence, the outbreaks of spots being few and often far between, and the spots themselves for the most part small. The Redhill observations, however, indicate that the epoch of least action is now passed, and as they appear to fix the date of the minimum with