

employing the method of minimum squares, satisfied myself that the effect was even greater, being nearly 0.3 for an inch. In examining this point for any given clock, it is however to be remembered, that it is always necessary to make the probable errors of observation considerably less than the quantity sought; otherwise, no conclusive result can be obtained. This may be done, either by taking the rate for intervals of several days, or by observing several stars on each night."

A List of Stars observed with the Moon, in the present year, at the Royal Observatory, Greenwich.

1831.		h. m. s.	1831.		h. m. s.
Jan. 6.	Spica Virg.	13 17 6,08	Feb. 26.	48 Leonis	10 26 25,46
	▷ 2 L [*]	14 2 43,42		♂ ¹ Sextantis	10 37 44,26
7.	Spica Virg.	13 17 6,94		♂ ² ———	10 38 58,17
	▷ 2 L	14 50 2,08		▷ 2 L	10 54 24,16
24.	111 Tauri	5 15 34,20	Mar. 23.	▷ 1 L	8 45 15,92
	▷ 1 L	5 24 33,76		π ² Cancrī	9 6 40,57
	N Tauri	5 38 35,46	27.	(50) Leonis	11 15 29,88
	χ ⁴ ———	5 54 27,40		(77) ———	11 20 6,86
25.	▷ 1 L	6 27 32,76		ν ———	11 29 8,96
	G Geminor.	6 41 7,24		▷ 1 L	12 13 22,98
	(281) ———	6 48 53,34	April 20.	▷ 1 L	9 24 42,42
	ξ ———	6 55 6,04		ψ Leonis	9 35 40,74
26.	▷ 1 L	7 30 6,74	May 22.	▷ 1 L	13 18 27,40
	g Geminor.	7 37 22,62		ℓ ³ Virginis	13 28 2,80
Feb. 5.	1 β Scorpīi	15 56 46,70		(174) ———	13 36 25,84
	▷ 2 L	15 8 6,62	24.	λ Virginis	14 11 17,78
	Antares	16 20 12,40		(127) Libræ	14 29 20,18
19.	▷ 1 L	4 4 11,04		μ ———	14 41 23,18
	h ³ Tauri	4 13 51,36		▷ 1 L	14 53 6,26
	π ———	4 18 22,86	25.	ξ ³ Libræ	15 22 29,04
	ε ———	4 25 34,94		γ ———	15 27 24,72
				▷ 1 L	15 41 37,50

N.B. The Astronomer Royal having kindly offered to furnish the Society, from time to time, with the observations of moon-culminating stars, made at Greenwich, the first series is here given for the present year; and they will be continued in the subsequent Monthly Notices, as they are received; by which means they will become more speedily accessible to those persons who are desirous of making comparisons of this kind.

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