

MONTHLY NOTICES.
OF THE
ASTRONOMICAL SOCIETY OF INDIA.

FOR THE MONTH OF APRIL, 1920.

MEMORANDA FOR OBSERVERS.

BY P. C. BOSE, Esq.

Standard time for India is adopted in these notes—

Sidereal time at 8 P. M.

		H.	M.	S.
April	1st	8	38	35
	8th	9	6	11
	15th	9	33	47
	22nd	10	1	23
	27th	10	28	58

From this table, constellations visible in India during the evenings in April may be ascertained by a reference to a star chart, as the above hours of sidereal time represent the hours of Right ascension on the meridian—

PHASES OF THE MOON.

		H.	M.	S.	
April	3rd—	4	24	12	A. M. Full Moon
	11th—	6	53	42	P. M. Last Quarter
	19th—	3	12	36	A. M. New Moon
	25th—	6	57	0	P. M. First Quarter
	9th—	9	0	0	A. M. Apogee
	21st—	6.5			A. M. Perigee

CONJUNCTIONS

	M.	H.		Deci
April 5th Mars	2	5	A. M.	2° 58' N.
15th Uranus	9	35	A. M.	6° 4' S.
17th Mercury	6	14	A. M.	6° 30' S.
17th Venus	5	55	P. M.	5° 8' S.
26th Neptune	3	54	A. M.	5° 27' N.
26th Jupiter	4	29	A. M.	6° 21' N.
28th Saturn	4	33	A. M.	7° 21' N.

THE PLANETS.

Positions on the 15th

	R.	A.		Decl.		
	(H.	M.	S)	(o	'	")
Mercury	23	55	31	2	49	28 S.
Venus	0	17	50	0	14	59 N.
Mars	14	5	55	10	53	49 S.
Jupiter	8	43	53	19	2	41 N.
Saturn	10	31	6	11	25	36 N.
Uranus	22	26	26	10	33	36 S.
Neptune	8	44	43	18	4	12 N.

OBJECTS OF INTEREST

BY THE REV. A. C. RIDSDALE, M.A., F.R.A.S. & C. & C.
for April 1920

Nebulae

	R.	A.	Decl
	(H.	M.)	(o ')
Planetary Neb.	9	11	-36° 7'
Nebula	9	18	-57° 47'
"	9	45	+69° 38'
Planetary Neb.	10	2	-39° 57'
"	10	19	-18° 2'

VARIABLES

	R.	A.	Decl	Range
	(H.	M.	(o 1)	(mag.)
R Leonis Min.	9	39	+34° 58'	6.0-13.0
R Leonis Maj.	9	42	+11° 54'	5.0-10.0
U Hydrae	10	32	-12° 52'	4.5-6.5

DOUBLES

	R.	A.	Decl	Range
	(H.	M.)	(')	(" ')
Zeta Cancri	8	5	+18° 1'	5."5
38 Lyncis	9	11	+37° 19'	2."7
Lambda Leonis	10	13	+20° 27'	3."2
35 Sextantis	37	7	+ 5° 23'	6."7

METEOR NOTES FOR APRIL 1920

		R,	A,	Decl
		(H.	M.)	
April	1	8	40	30° N.
	2	9	20	50° N.
	4	8	0	1° S.
	12	11	10	31° N.
	7 to 24	14	0	10° S.
	14	11	30	45° N.
	18 to 23	12	35	31° S.
	20 to 22	18	8	33° N.
	20 to 25	14	30	31° S.
	29	17	35	62° N.

The shower at 18h 8^m and 33° N is the most important of the month ; it will be seen that watches from about the 18th to the 25th should be specially profitable.
