

magnificent large refractor with a varied stock of eye-pieces and other accessories, a micrometer, a camera, a spectro-scope, in short, everything that one could want an equipment that would indeed be a credit to any college or university, who probably has never made or published a single observation of scientific value, although he has been interested in astronomy, I understand, most of his life!

[*Popular Astronomy—February 1914.*]

## Memoranda for Observers.

[Standard Time of India is adopted in these Memoranda.]

*For the month of May 1914.*

Sidereal time at 8 p.m.

			H.	M.	S.
<i>May 1st</i> ...	...	...	10	34	41
„ <i>8th</i> ...	...	...	11	2	17
„ <i>15th</i> ...	...	...	11	29	53
„ <i>22nd</i> ...	...	...	11	57	29
„ <i>29th</i> ...	...	...	12	25	5

From this table the constellations visible during the evenings in May can be ascertained by a reference to a star chart, as the above hours or sidereal time represent the hours of Right Ascension on the meridian.

Phases of the Moon.

		H.	M.	
<i>May 3rd</i> First Quarter	...	11	59	A.M.
„ <i>10th</i> Full Moon	...	3	1	„
„ <i>17th</i> Last Quarter	...	3	42	„
„ <i>25th</i> New Moon	...	8	5	„

Meteors.

	Radiant.		Character.
	R.A.	Dec.	
<i>May 1st—8th</i>	338°—2°		Swift; streaks; brilliant.
„ <i>2nd—13th</i>	245° + 3°		Slow; bright.
„ <i>18th—26th</i>	246° + 29°		Swift; white.
„ <i>29th—June 4th</i>	333° + 27°		Swift; streaks.
<i>May—June</i>	353° + 39°		Swift; streaks.
<i>May—June—July</i>	252°—21°		Slow; trains.

### The Planets.

*Mercury*—Is a morning star until the 17th. When he will be in superior conjunction with the Sun, and then become an evening star until the middle of July. He will be too near to the Sun to be visible at any time during the month.

*Venus*—Is an evening star and sets about an hour and a quarter after the Sun at the beginning of the month, and about two hours after at its close.

*Mars*—Is also an evening star, setting in Cancer about five hours later than the Sun throughout the month. Position on the 15th R.A. 8·39, Dec. 20° 12' North.

*Jupiter*—A morning star, rises in Capricornus about five hours before the Sun on the 1st and nearly seven hours after on the 31st. He will be in quadrature with the Sun on the 12th. Position on the 15th R.A. 21·35, Dec. 15° 5' South.

*Saturn*—Is an evening star, setting in Taurus about two hours after the Sun on the 1st and three quarters of an hour after on the 31st. Position on the 15th R.A. 5·8, Dec. 21° 42' North.

*Uranus* in Capricornus. Position on the 15th R.A. 20·57, Dec. 17° 55' South.

*Neptune* in Cancer. Position on the 15th R.A. 7·51, Dec. 20° 35' North.

## Notices of the Society.

### Election of Members.

The attention of members is invited to Bye-Law No. 14, regulating the election of persons who desire to join the Society. It is hoped that those who are already members will induce others to join. Forms of application can be had from the Secretary.

### Change of Addresses.

It is particularly requested that when members change their addresses, they will kindly notify the new address to the Secretary. The omission to do this is likely to cause the loss of the JOURNALS and other communications.