Eclipses, 1872.

'In the year 1872 there will be Four Eclipses,—Two of the Sun and Two of the Moon; the Eclipses of the Sun will not be visible in Newfoundland.

The First—June the 15th, will be visible in Asia, Pacific Ocean, &c.

The Second—November 30th, visible in the South Pacific Ocean, around the South Pole, &c.

The Eclipses of the Moon will be visible in Newfoundland; the first. May 22nd.

9	First contact with Penumbra			5h	39m.	5a	n n
	First contact with Shadow	-		7h,	10m,	11s,	**
	Middle of Eclipse			7h,	47m,	298,	**
	Last contact with Shadow -			8h,	24m,	478,	**
	Last contact with Penumbra			9h,	55m,	53s,	41
			4.				

[Mean Time at St. John's.]

The Second Eclipse, November 14 a	nd 15.		
First contact with Penumbra (14th)	11h, 3	lm, 0s,	p.m.
First contact with Shadow (15th) -	1h, 3	1m, 0s,	a.m.
Middle of Eclipse "	1h, 4	8m, 41s,	"
Last contact with Shadow	2h,	6m, 23s,	"
Last contact with Penumbra	4h,	6m, 23s,	**

The Eclipses of Jupiter's Satellites (given in the Greenwich Almanac to the nearest tenth of one second of time) afford the easiest means of knowing the Greenwich time, and thence to determine the longitude of whatever place on the globe, the observer may be situated. No calculation is required, but they cannot be observed at sea, the motion of the Ship rendering it impossible to secure that steadiness of the instruments necessary to observe them.

Planetary Notices.

VENUS WILL rise before the Sun, and thus will be a Morning Star till the ninth of July; from this date she will rise after the Sun, and thus will be an Evening Star to the end of the year.

Mars will rise after the Sun, and thus will be an Evening Star till the thirteenth of May; from this date he will rise before the Sun, and thus will be a Morning Star to the end of the year. JUPITER, the lar our Meridian at fo first, and will rise earlier every day, pass our Meridian Meridian four min

The Planets of the 1 are primary, at our Earth has one ix. Of the prima decury and Venn Barth; and others the Sun than the L

Distance from th

Mercury, 37 million Venus, 68 millions Farth, 95 millions Mars, 142 millions Jupiter, 485 million Sturn, 890 millions Uranus, 1800 millio

The Solar year is over the twelve sign that. The Civil year three years in succe the Sidereal year is 365 days, 6h days,

True Latitude of (
Longitude (West