

whole lifetime might be spent examining the planet Jupiter alone. Why, up to the present, man has not yet decided whether life does or does not exist there. The general belief at present leads us to suppose that it does not. By "life," I mean life such as we are familiar with, it being man's misfortune to be obliged to compare things outside, things beyond his own little world, by the things he sees herein.

But granting that Jupiter is too "youthful"—if you will allow the term—for "life" to exist upon his gaseous, un-solidified surface, I can raise no objections to the possibility of "life"—and that of the highest order—existing on his satellites. • If so, what wonders must be exhibited to the fortunate inhabitants! All and more than that we see "through a glass daily" at an immense distance, hangs just above their heads, a theme for continued wonder, study and admiration.

NOTE.—Copies of SMITH'S PLANETARY ALMANAC, with the above engravings finished in water-colors by the author, will be sent post-paid, to any address at the rate of *Fifty cents per copy*.

### THE CALENDAR PAGES.

MOON'S PHASES. — These are calculated according to "mean" or correct time at the cities indicated—Boston, Montreal, Washington, Chicago and Omaha—and not the "standard" or railway times.

PLANETS PLACES. — The lines "Jupiter in Scorpio," "Saturn in Cancer," etc., represent these planets' places on the dates in question in those *Constellations*, not the *Signs*, which, owing to the Precession of the Equinoxes, do not now agree, the *Constellation* Scorpio, for instance, corresponding at present to the *Sign* Sagittarius, and so on through the list.

THE SUN. — "Slow" and "Fast" at the top of the column represents the number of minutes that the Sun when he reaches the noon mark, on the day indicated, is "slow" or "fast" of a clock correctly set to mean time at any place.

THE MOON. — "Zodiac" here means the *Zodiacal Sign*, and not the *Constellation*. The blunder of supposing the *Constellation* to be the same as the *Sign* is nearly universal in the quack medicine and other gratis Almanacs, prepared