## Explanations of Calendar $\mathfrak{l}$ ages.

At the head of the respective pages for each month are given the ordinary tables of the changes and quadratures of the Moon. The 1st and 2d columns show the mean times of the rising and setting of the Sun. The quantities are only set down to the nearest minute, the uncertainty of the observed times of the rising or setting of heavenly bodies on land, caused by the varying amount of horizontal refraction and the general liability to the intervention of terrestrial objects in such observations, renders a closer approximation unnecessary for ordinary practical purposes. In the 3rd column, marked "souths," are given the times which should be shown by a well regulated clock or watch when the Sun is on the Meridian. The 4th column shows the moon's place. The 5th column contains the mean times of the rising or setting of the Moon. The quantities are only set down to the nearest minute, for the reasons mentioned above in respect to the Sun.

## Explanations of astronomical Symbols and abbrebiations.

| © The Sun, \} Saturn, | - Degrees, | - Cancer, The Crab |
| :---: | :---: | :---: |
| (The Moon, ¢ In Conjunction, | , Minutes of Arc, | 勺 Leo, The Lion, |
| \% Mercury, $\square$ In Quadrature, | // Seconds, | Iए Virgo, The Virgin, |
| 8 Venus, 8 In Opposition, | d. Days,h,hours | $\sim$ Libra, The Balance, |
| © The Earth, $\Omega$ Ascending Node, | m. Minutes, | II Scorpio, The Scorpion, |
| $\ddagger$ Mars, $\quad \Omega$ Descendin Node | s. Seconds, ${ }_{\text {E }}$ | $\ddagger$ Sagittarius, The Archer, |
| 4 Jupiter, ${ }^{\text {N N }}$ North, S. South | PAries, The Ram, | vs Capricornus, The Goat, |
| HH Herschel, or E. Erst, | ¢ Taurus, The Bull | m Aquarius, The Waterman |
| the Georgian, W. West, | IIGemini, The Twins | * Pisces, The Fishes, |

Cfyronological ©ycles.


## $r$

ftlobeable $1 \mathbf{f e s t i b a l s . ~}$
Septuagesima Sunday
Quinquagesima Sunday
Ash Wednesday.
First Sunday in Lent $\because \therefore$
Palm Sunday.
Good Friday $\because \therefore \therefore$.
Easter Sunday $\because \therefore$.
February $8 \mid$ Low Sunday
April 18
$\begin{array}{lll}4 & 22 & \text { Rogation Sunday } \\ 4 & 25 & \text { Ascension Day, Holy Thurs. }\end{array}$
" 29 Pentecost, Whit Sunday,
April 4 Trinity Sunday ........ ${ }^{30}$
". 11 Advent Sunday $\ldots$. November 28
molitays obserbex at lublic Offices.

| Circumcision | January | Corpus Christi | June 10 |
| :---: | :---: | :---: | :---: |
| Epiphany . | " | St. Peter and St. Paul | - 29 |
| Annunciation | March 25 | All Saints Day |  |
| Good Friday | April 9 | Conception, B. | ${ }^{25}$ |
| Ascension Da | May 20 | Christmas Day |  |

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June

