GretagMacbeth™ ColorChecker Color Rendition Chart
inches
centimeters
D50 Illuminant, 2 degree observer
Density
Golden Thread
Colors by Munsell Color Services Lab

1474 Regiomontanus Calendarium

R51 188

KBNWE

THE GIFT OF
LESSING J. ROSENWALD
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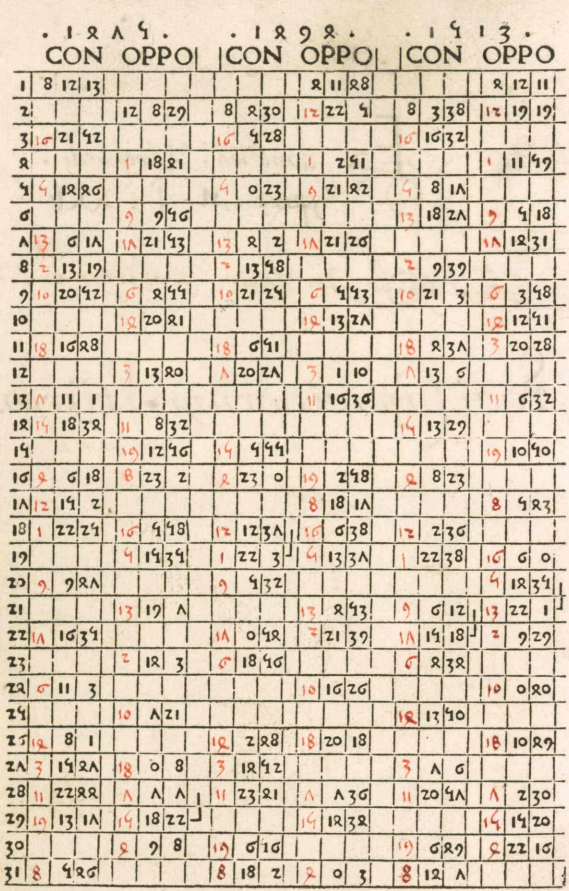
H. 13775

1


1543.
CON OPPO
1598.
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1653.
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# .IANVARIVS.

| | | | | SOLIS CAPRI | | LVNAE S | | G S | | G |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | A | | Circũcisio domini | 20 | 3 | 0 | 13 | 0 | 13 |
| 2 | b | 4 nõ | Octaua. s. Stephani | 21 | 8 | 0 | 26 | 0 | 26 |
| 3 | c | 3 nõ | Octaua. s. Ioannis | 22 | 6 | 1 | 10 | 1 | 9 |
| 4 | d | 2 nõ | Octaua. s. Innocentum | 23 | ♑ | 1 | 23 | 1 | 22 |
| 5 | e | Non | Vigilia | 24 | 8 | 2 | 6 | 2 | 5 |
| 6 | f | 8 id' | Epiphania domini | 25 | 9 | 2 | 19 | 2 | 18 |
| ♑ | g | ♑ id' | Clauis. lxx. | 26 | 11 | 3 | 2 | 3 | 1 |
| 8 | A | 6 id' | Erhardi episcopi | 27 | 12 | 3 | 15 | 3 | 14 |
| 9 | b | 5 id' | Iuliani & sociorum eius | 28 | 13 | 3 | 29 | 3 | 28 |
| 10 | c | 4 id' | Pauli primi eremitę | 29 | 14 | 4 | 12 | 4 | 11 |
| 11 | d | 3 id' | AQVAR | 0 | 16 | 4 | 24 | 4 | 22 |
| 12 | e | 2 id' | | 1 | ♑ | 5 | 8 | 5 | ♑ |
| 13 | f | Idus | Octaua epiphanię | 2 | 18 | 5 | 21 | 5 | 20 |
| 14 | g | 19 kal | Febru Felicis in pincis | 3 | 19 | 6 | 4 | 6 | 3 |
| 15 | A | 18 kal | | 4 | 20 | 6 | 18 | 6 | 16 |
| 16 | b | ♑ kal | Marcelli papę | 5 | 21 | ♑ | 1 | 6 | 29 |
| ♑ | c | 16 kal | Antonii monachi | 6 | 22 | ♑ | 14 | ♑ | 12 |
| 18 | d | 15 kal | Prisce uirginis | ♑ | 23 | ♑ | 27 | ♑ | 25 |
| 19 | e | 14 kal | | 8 | 24 | 8 | 10 | 8 | 8 |
| 20 | f | 13 kal | Fabiani & Sebastiani martyꝝ | 9 | 25 | 8 | 22 | 8 | 21 |
| 21 | g | 12 kal | Agnes uirginis | 10 | 26 | 9 | ♑ | 9 | 8 |
| 22 | A | 11 kal | Vincentii martyris | 11 | 27 | 9 | 20 | 9 | ♑ |
| 23 | b | 10 kal | | 12 | 28 | 9 | 3 | 10 | 0 |
| 24 | c | 9 ka | Timothei apostoli | 13 | 29 | 10 | 16 | 10 | 18 |
| 25 | d | 8 kal | Pauli cõuersio | 14 | 30 | 10 | 29 | 10 | 27 |
| 26 | e | ♑ kal | | 15 | 31 | 11 | 13 | 11 | 10 |
| 27 | f | 6 kal | | 16 | 31 | 11 | 26 | 11 | 23 |
| 28 | g | 5 kal | Clauis. xl. | 17 | 32 | 0 | 9 | 0 | 6 |
| 29 | A | 4 kal | | 18 | 33 | 0 | 22 | 0 | 19 |
| 30 | b | 3 kal | | 19 | 33 | 1 | 5 | 1 | 2 |
| 31 | c | 2 kal | | 20 | 34 | 1 | 18 | 1 | 15 |

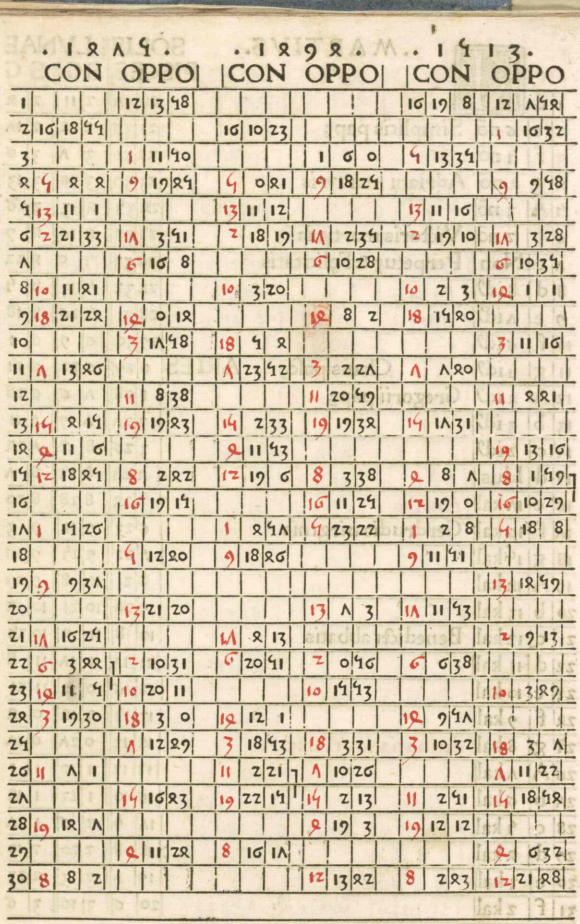
| | ·1285· | | | | | | | ·1292· | | | | | | | 1513· | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CON | | | OPPO | | | | CON | | | OPPO | | | | CON | | | OPPO | | | |
| 1 | | | | | 12 | 2 | 59 | | | | | 12 | 13 | 0 | | | | | 12 | 6 | 32 |
| 2 | 16 | 15 | 39 | | | | | 16 | 0 | 28 | 1 | 21 | 55 | | 16 | 8 | 52 | | | | |
| 3 | | | | | 1 | 11 | 16 | 5 | 18 | 58 | | | | | | | | | 1 | 5 | 27 |
| 4 | 5 | 5 | 56 | | 9 | 23 | 40 | | | | 9 | 15 | 22 | | 5 | 2 | 46 | | | | |
| 5 | 13 | 16 | 20 | | | | | 13 | 16 | 31 | | | | | 13 | 10 | 47 | | 9 | 0 | 17 |
| 6 | 2 | 23 | 32 | | 17 | 7 | 50 | | | | 17 | 8 | 22 | | 2 | 23 | 16 | | 17 | 5 | 35 |
| 7 | | | | | 6 | 15 | 29 | 2 | 0 | 25 | 6 | 15 | 52 | | | | | | 6 | 16 | 6 |
| 8 | 10 | 8 | 26 | | | | | 10 | 7 | 20 | | | | | 10 | 8 | 15 | | 14 | 23 | 7 |
| 9 | | | | | 14 | 13 | 52 | 18 | 21 | 23 | 14 | 2 | 35 | | 18 | 15 | 22 | | | | |
| 10 | 18 | 10 | 58 | | | | | | | | 3 | 17 | 5 | | | | | | 3 | 8 | 23 |
| 11 | | | | | 3 | 8 | 25 | 7 | 13 | 37 | | | | | 7 | 2 | 15 | | 11 | 21 | 3 |
| 12 | 7 | 5 | 52 | | | | | | | | 11 | 10 | 22 | | | | | | | | |
| 13 | 15 | 8 | 23 | | 11 | 3 | 3 | 15 | 23 | 36 | | | | | 15 | 7 | 56 | | | | |
| 14 | 4 | 17 | 25 | | 19 | 1 | 23 | | | | 19 | 19 | 18 | | | | | | 19 | 5 | 39 |
| 15 | | | | | 8 | 9 | 26 | 4 | 12 | 6 | 8 | 7 | 58 | | 4 | 2 | 27 | | 8 | 23 | 17 |
| 16 | 12 | 0 | 55 | | 16 | 17 | 28 | 12 | 0 | 52 | 16 | 16 | 22 | | 12 | 19 | 0 | | | | |
| 17 | 1 | 11 | 7 | | | | | 1 | 8 | 2 | | | | | | | | | 16 | 17 | 12 |
| 18 | | | | | 5 | 5 | 21 | 9 | 17 | 2 | 5 | 0 | 11 | | 1 | 9 | 0 | | 5 | 0 | 27 |
| 19 | 9 | 1 | 13 | | | | | | | | 13 | 21 | 35 | | 9 | 15 | 52 | | 13 | 10 | 22 |
| 20 | | | | | 13 | 13 | 25 | 17 | 18 | 37 | | | | | 17 | 5 | 20 | | | | |
| 21 | 17 | 10 | 58 | | | | | | | | 2 | 16 | 2 | | 6 | 21 | 19 | | 2 | 0 | 53 |
| 22 | | | | | 2 | 7 | 21 | 6 | 13 | 31 | | | | | | | | | 10 | 18 | 21 |
| 23 | 6 | 3 | 33 | | 10 | 22 | 33 | | | | 10 | 10 | 23 | | | | | | | | |
| 24 | 14 | 18 | 22 | | | | | 14 | 16 | 33 | | | | | 14 | 7 | 22 | | | | |
| 25 | | | | | 18 | 9 | 53 | | | | 18 | 9 | 20 | | 3 | 22 | 9 | | 18 | 3 | 13 |
| 26 | 3 | 1 | 19 | | 7 | 16 | 56 | 3 | 2 | 3 | 7 | 17 | 53 | | | | | | 7 | 16 | 8 |
| 27 | 11 | 18 | 59 | | 15 | 9 | 18 | 11 | 9 | 21 | | | | | 11 | 9 | 12 | | | | |
| 28 | 19 | 5 | 30 | | | | | 19 | 19 | 10 | 15 | 1 | 39 | | 19 | 16 | 25 | | 15 | 0 | 28 |
| | | | | | | | | | | | 4 | 13 | 36 | | | | | | | | |

# FEBRVARIVS.

| | | | | SOLIS AQVAR | | LVNAE S G | | S G | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | d | | Brigidę uirginis | 21 | 32 | z | z | 1 | 28 |
| z | e | 2 nō | Purificatio marię | 22 | 34 | z | 15 | z | 11 |
| 3 | f | 3 nō | Blasii episcopi | 23 | 36 | z | 28 | z | 28 |
| 2 | g | z nō | | 28 | 36 | 3 | 11 | 3 | ∧ |
| 4 | A | Non | Agathę uirginis | 24 | 3∧ | 3 | 28 | 3 | 20 |
| 5 | b | 8 id? | Dorotheę uirginis | 26 | 3∧ | 2 | 8 | 2 | 3 |
| ∧ | c | ∧ id? | | 2∧ | 38 | 2 | 21 | 2 | 16 |
| 8 | d | 5 id? | | 28 | 38 | 4 | 2 | 4 | 0 |
| 9 | e | 4 id? | Apollonię uirginis | 29 | 38 | 4 | 1∧ | 4 | 13 |
| 10 | f | 2 id? | Scholasticę uirginis PISCES | 0 | 39 | 5 | 0 | 4 | 26 |
| 11 | g | 3 id? | | 1 | 39 | 5 | 13 | 5 | 9 |
| 12 | A | z id? | | z | 39 | 5 | 2∧ | 5 | 22 |
| 13 | b | Idus | | 3 | 39 | ∧ | 10 | ∧ | 4 |
| 12 | c | 16 kal | Mar. Valentini martyris | 2 | 39 | ∧ | 23 | ∧ | 18 |
| 14 | d | 14 kal | | 4 | 20 | 8 | 5 | 8 | 1 |
| 16 | e | 12 kal | Iulianę uirginis | 5 | 20 | 8 | 19 | 8 | 12 |
| 1∧ | f | 13 kal | | ∧ | 20 | 9 | z | 8 | z∧ |
| 18 | g | 12 kal | | 8 | 20 | 9 | 16 | 9 | 10 |
| 19 | A | 11 kal | | 9 | 20 | 9 | 29 | 9 | 23 |
| 20 | b | 10 kal | | 10 | 20 | 10 | 12 | 10 | 5 |
| 21 | c | 9 kal | | 11 | 20 | 10 | 24 | 10 | 19 |
| 22 | d | 8 kal | Cathedra sancti petri | 12 | 20 | 11 | 8 | 11 | z |
| 23 | e | ∧ kal | Vigilia | 13 | 20 | 11 | 22 | 11 | 16 |
| 28 | f | 5 kal | Matthię apostoli | 18 | 39 | 0 | 4 | 11 | 29 |
| 24 | g | 4 kal | | 14 | 39 | 0 | 18 | 0 | 12 |
| 26 | A | 2 kal | | 16 | 39 | 1 | 1 | 0 | 24 |
| 2∧ | b | 3 kal | | 1∧ | 38 | 1 | 12 | 1 | 8 |
| 28 | c | z kal | | 18 | 38 | 1 | 2∧ | 1 | 21 |
| | | | | 19 | 3∧ | | | 1 | |

| | .1475. | | | | | | .1494. | | | | | | .1513. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CON | | | OPPO | | | CON | | | OPPO | | | CON | | | OPPO | | |
| 1 | 8 | 23 | 46 | 4 | 2 | 25 | 8 | 8 | 58 | | | | | | | 4 | 8 | 30 |
| 2 | | | | 12 | 21 | 15 | | | | 12 | 5 | 12 | 8 | 1 | 11 | 12 | 18 | 44 |
| 3 | | | | | | | 16 | 18 | 31 | | | | 16 | 2 | 7 | 1 | 23 | 9 |
| 4 | 16 | 6 | 48 | | | | | | | 1 | 15 | 19 | 5 | 20 | 58 | | | |
| 5 | 5 | 18 | 17 | 1 | 1 | 1 | 5 | 11 | 18 | | | | | | | 9 | 18 | 14 |
| 6 | | | | 9 | 10 | 48 | | | | 9 | 6 | 25 | | | | | | |
| 7 | 13 | 1 | 45 | 17 | 17 | 41 | 13 | 2 | 41 | 17 | 18 | 15 | 13 | 0 | 33 | 17 | 17 | 50 |
| 8 | 2 | 10 | 13 | | | | 2 | 9 | 40 | | | | 2 | 10 | 17 | | | |
| 9 | 10 | 21 | 46 | 6 | 3 | 31 | 10 | 17 | 9 | 6 | 1 | 13 | 10 | 17 | 41 | 6 | 2 | 10 |
| 10 | | | | 14 | 7 | 24 | | | | 14 | 16 | 58 | | | | 14 | 9 | 42 |
| 11 | 18 | 4 | 54 | | | | 18 | 13 | 2 | | | | 18 | 3 | 7 | 3 | 21 | 21 |
| 12 | 7 | 23 | 7 | 3 | 2 | 12 | | | | 3 | 9 | 39 | 7 | 17 | 22 | | | |
| 13 | | | | 11 | 19 | 16 | 7 | 7 | 7 | | | | | | | 11 | 12 | 40 |
| 14 | 15 | 19 | 27 | | | | 15 | 14 | 33 | 11 | 4 | 36 | | | | | | |
| 15 | | | | 19 | 11 | 26 | | | | 19 | 8 | 53 | 15 | 1 | 55 | 19 | 22 | 46 |
| 16 | 4 | 3 | 2 | 8 | 18 | 26 | 4 | 2 | 18 | 8 | 18 | 55 | 4 | 18 | 54 | | | |
| 17 | 12 | 9 | 56 | | | | 12 | 10 | 54 | | | | 12 | 8 | 26 | 8 | 14 | 9 |
| 18 | | | | 16 | 5 | 54 | 1 | 18 | 13 | 16 | 1 | 47 | 1 | 17 | 51 | 16 | 2 | 27 |
| 19 | 1 | 0 | 53 | 5 | 20 | 45 | | | | 5 | 11 | 25 | | | | 5 | 9 | 22 |
| 20 | 9 | 17 | 27 | | | | 9 | 5 | 28 | | | | 9 | 1 | 15 | | | |
| 21 | | | | | | | | | | 13 | 14 | 38 | 17 | 20 | 25 | 13 | 0 | 29 |
| 22 | | | | 13 | 6 | 42 | 17 | 12 | 6 | | | | | | | 2 | 17 | 5 |
| 23 | 17 | 3 | 6 | 2 | 22 | 35 | | | | 2 | 9 | 26 | 6 | 14 | 18 | | | |
| 24 | 6 | 17 | 5 | 10 | 10 | 41 | 6 | 6 | 25 | | | | | | | 10 | 11 | 46 |
| 25 | 14 | 3 | 8 | 18 | 18 | 37 | | | | 10 | 2 | 42 | 14 | 22 | 8 | | | |
| 26 | 3 | 10 | 22 | | | | 14 | 3 | 27 | 18 | 19 | 33 | | | | 18 | 16 | 37 |
| 27 | 11 | 19 | 37 | 7 | 2 | 38 | 3 | 11 | 9 | 7 | 19 | 25 | 3 | 10 | 10 | | | |
| 28 | | | | | | | 11 | 18 | 2 | 15 | 13 | 32 | 11 | 18 | 57 | 7 | 2 | 54 |
| 29 | 19 | 22 | 6 | 15 | 1 | 0 | 19 | 8 | 20 | | | | | | | 15 | 9 | 49 |
| 30 | | | | 4 | 19 | 29 | | | | 4 | 4 | 5 | 19 | 2 | 6 | 4 | 19 | 7 |
| 31 | 8 | 16 | 54 | | | | 8 | 0 | 36 | 12 | 21 | 45 | 8 | 13 | 1 | | | |

| | | | .MARTIVS. | SOLIS PISCES | LVNAE S | G | S | G |
|---|---|---|---|---|---|---|---|---|
| 1 | d | | | 20 | 3Λ | 2 | 11 | 2 | 8 |
| 2 | e | σ | nō Simplicis papę | 21 | 3σ | 2 | 28 | 2 | 1Λ |
| 3 | f | 4 | nō | 22 | 3σ | 3 | Λ | 3 | 0 |
| 8 | g | 8 | nō Adriani martyris | 23 | 34 | 3 | 20 | 3 | 13 |
| 4 | A | 3 | nō | 28 | 34 | 8 | 3 | 3 | 26 |
| σ | b | 2 | nō Victoris martyris | 24 | 38 | 8 | 16 | 8 | 9 |
| Λ | c | Non | Perpetuę & Fęlicitatis | 26 | 33 | 4 | 0 | 8 | 22 |
| 8 | d | 8 | id? | 2Λ | 32 | 4 | 13 | 4 | 4 |
| 9 | e | Λ | id? | 28 | 31 | 4 | 26 | 4 | 18 |
| 10 | f | σ | id? | 29 | 30 | σ | 9 | σ | 1 |
| 11 | g | 4 | id? Clauis paſcę ARIES | 0 | 29 | σ | 22 | σ | 14 |
| 12 | A | 8 | id? Gregorii papę | 1 | 28 | Λ | σ | σ | 28 |
| 13 | b | 3 | id? | 2 | 2Λ | Λ | 19 | Λ | 11 |
| 18 | c | 2 | id? | 3 | 26 | 8 | 2 | Λ | 28 |
| 14 | d | Idus | | 8 | 24 | 8 | 14 | 8 | Λ |
| 16 | e | 1Λ | kall Aprilis | 4 | 28 | 8 | 28 | 8 | 20 |
| 1Λ | f | 16 | kal Gerdrudis uirginis | σ | 23 | 9 | 11 | 9 | 3 |
| 18 | g | 14 | kal | Λ | 22 | 9 | 24 | 9 | 16 |
| 19 | A | 18 | kal | 8 | 21 | 10 | 8 | 9 | 29 |
| 20 | b | 13 | kal | 9 | 20 | 10 | 21 | 10 | 12 |
| 21 | c | 12 | kal Benedicti abbatis | 10 | 18 | 11 | 8 | 10 | 24 |
| 22 | d | 11 | kal | 11 | 1Λ | 11 | 1Λ | 11 | 8 |
| 23 | e | 10 | kal | 12 | 16 | 0 | 0 | 11 | 21 |
| 28 | f | 9 | kal | 13 | 14 | 0 | 18 | 0 | 8 |
| 24 | g | 8 | kal Annũciatio Mariç | 18 | 13 | 0 | 2Λ | 0 | 1Λ |
| 26 | A | Λ | kal | 14 | 12 | 1 | 10 | 1 | 1 |
| 2Λ | b | σ | kal | 16 | 10 | 1 | 23 | 1 | 18 |
| 28 | c | 4 | kal | 1Λ | 9 | 2 | σ | 1 | 2Λ |
| 29 | d | 8 | kal | 18 | 8 | 2 | 20 | 2 | 10 |
| 30 | e | 3 | kal | 19 | Λ | 3 | 3 | 2 | 23 |
| 31 | f | 2 | kal | 20 | σ | 3 | 16 | 3 | σ |



| | ·1285· | | | | | | ·1292· | | | | | | ·1513· | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CON | | | OPPO | | | CON | | | OPPO | | | CON | | | OPPO | | |
| 1 | | | | 12 | 13 | 48 | | | | | | | 16 | 19 | 8 | 12 | 7 | 42 |
| 2 | 16 | 18 | 44 | | | | 16 | 10 | 23 | | | | | | | 1 | 16 | 32 |
| 3 | | | | 1 | 11 | 40 | | | | 1 | 6 | 0 | 4 | 13 | 34 | | | |
| 4 | 4 | 2 | 2 | 9 | 19 | 24 | 4 | 0 | 21 | 9 | 18 | 24 | | | | 9 | 9 | 48 |
| 5 | 13 | 11 | 1 | | | | 13 | 11 | 12 | | | | 13 | 11 | 16 | | | |
| 6 | 2 | 21 | 33 | 17 | 3 | 41 | 2 | 18 | 19 | 17 | 2 | 34 | 2 | 19 | 10 | 17 | 3 | 28 |
| 7 | | | | 6 | 16 | 8 | | | | 6 | 10 | 28 | | | | 6 | 10 | 34 |
| 8 | 10 | 11 | 21 | | | | 10 | 3 | 20 | | | | 10 | 2 | 3 | 12 | 1 | 1 |
| 9 | 18 | 21 | 22 | 12 | 0 | 12 | | | | 12 | 8 | 2 | 18 | 14 | 20 | | | |
| 10 | | | | 3 | 17 | 48 | 18 | 4 | 2 | | | | | | | 3 | 11 | 16 |
| 11 | 7 | 13 | 26 | | | | 7 | 23 | 42 | 3 | 2 | 27 | 7 | 7 | 20 | | | |
| 12 | | | | 11 | 8 | 38 | | | | 11 | 20 | 49 | | | | 11 | 2 | 21 |
| 13 | 14 | 2 | 14 | 19 | 19 | 23 | 14 | 2 | 33 | 19 | 19 | 32 | 14 | 17 | 31 | | | |
| 14 | 2 | 11 | 6 | | | | 2 | 11 | 43 | | | | | | | 19 | 13 | 16 |
| 15 | 12 | 18 | 24 | 8 | 2 | 22 | 12 | 19 | 6 | 8 | 3 | 38 | 2 | 8 | 7 | 8 | 1 | 49 |
| 16 | | | | 16 | 19 | 14 | | | | 16 | 11 | 24 | 12 | 19 | 0 | 16 | 10 | 29 |
| 17 | 1 | 14 | 26 | | | | 1 | 2 | 47 | 4 | 23 | 22 | 1 | 2 | 8 | 4 | 18 | 8 |
| 18 | | | | 4 | 12 | 20 | 9 | 18 | 26 | | | | 9 | 11 | 41 | | | |
| 19 | 9 | 9 | 37 | | | | | | | | | | | | | 13 | 12 | 49 |
| 20 | | | | 13 | 21 | 20 | | | | 13 | 7 | 3 | 17 | 11 | 43 | | | |
| 21 | 17 | 16 | 24 | | | | 17 | 2 | 13 | | | | | | | 2 | 9 | 13 |
| 22 | 6 | 3 | 22 | 2 | 10 | 31 | 6 | 20 | 41 | 2 | 0 | 46 | 6 | 6 | 38 | | | |
| 23 | 14 | 11 | 4 | 10 | 20 | 11 | | | | 10 | 14 | 43 | | | | 10 | 3 | 29 |
| 24 | 3 | 19 | 30 | 18 | 3 | 0 | 14 | 12 | 1 | | | | 14 | 9 | 47 | | | |
| 25 | | | | 7 | 12 | 29 | 3 | 18 | 43 | 18 | 3 | 31 | 3 | 10 | 32 | 18 | 3 | 7 |
| 26 | 11 | 7 | 1 | | | | 11 | 2 | 21 | 7 | 10 | 26 | | | | 7 | 11 | 22 |
| 27 | | | | 14 | 16 | 23 | 19 | 22 | 14 | 14 | 2 | 13 | 11 | 2 | 41 | 14 | 18 | 42 |
| 28 | 19 | 12 | 7 | | | | | | | 2 | 19 | 3 | 19 | 12 | 12 | | | |
| 29 | | | | 2 | 11 | 22 | 8 | 16 | 17 | | | | | | | 2 | 6 | 32 |
| 30 | 8 | 8 | 2 | | | | | | | 12 | 13 | 22 | 8 | 2 | 23 | 12 | 21 | 28 |

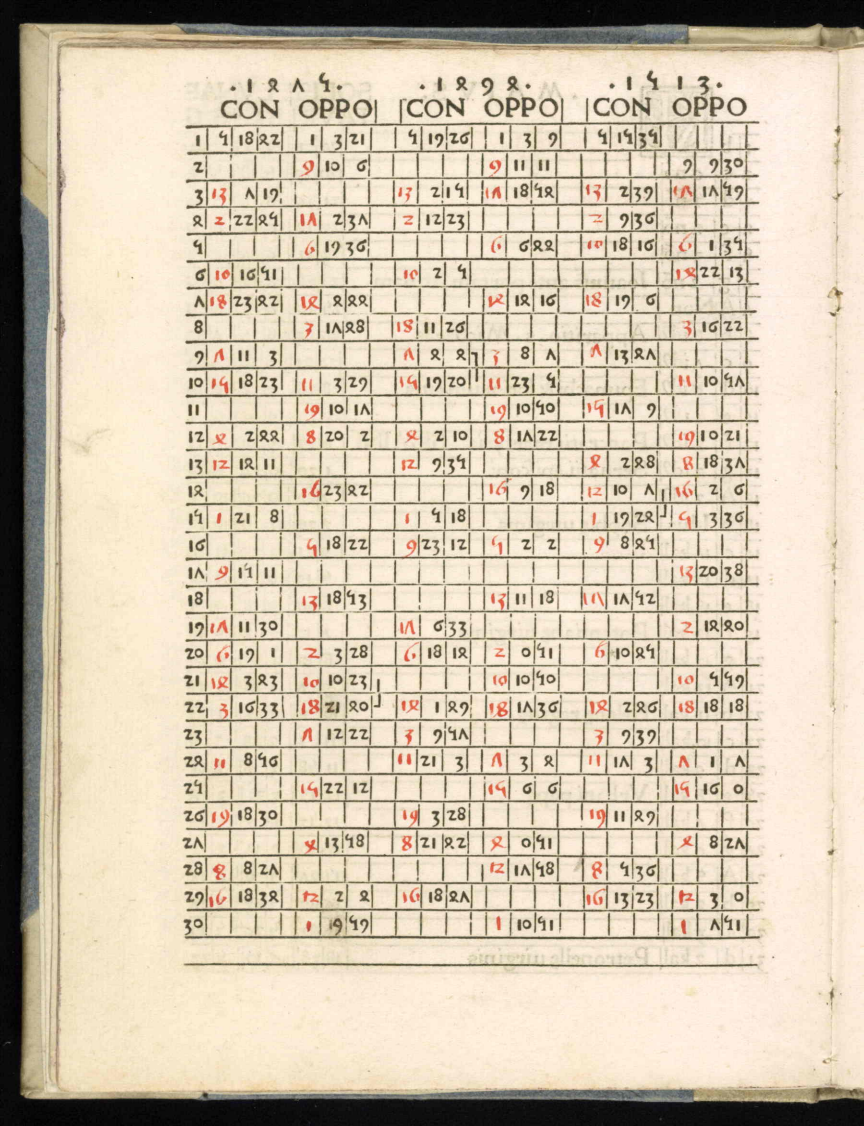
# APRILIS.

| | | | | SOLIS ARIES | | LVNAE S | | LVNAE G | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | g | | | 21 | ♌ | 3 | 29 | 3 | 19 |
| 2 | A | ♌ nō | | 22 | ♍ | ♌ | 12 | ♌ | 2 |
| 3 | b | ♍ nō | | 23 | ♎ | ♌ | 24 | ♌ | 14 |
| 4 | c | ♎ nō | Ambrosii archiepiscopi | 23 | 19 | ♎ | 9 | ♌ | 28 |
| 5 | d | Non | | 28 | 18 | ♎ | 22 | ♎ | 11 |
| 6 | e | ♏ id? | | 24 | 16 | ♏ | ♎ | ♎ | 24 |
| 7 | f | ♐ id? | | 26 | 14 | ♏ | 18 | ♏ | ♐ |
| 8 | g | ♑ id? | Marię ęgyptiacę | 27 | 12 | ♐ | 1 | ♏ | 20 |
| 9 | A | ♎ id? | | 28 | 10 | ♐ | 14 | ♐ | ♑ |
| 10 | b | ♌ id? | | 29 | 28 | ♐ | 28 | ♐ | 16 |
| 11 | c | ♍ id? | TAVR | 0 | ♌ | ♏ | 11 | ♏ | 0 |
| 12 | d | ♎ id? | | 1 | 24 | ♏ | 24 | ♏ | 13 |
| 13 | e | Idus | | 2 | ♑ | 9 | ♐ | ♏ | 26 |
| 14 | f | ♏ kal | Maii Tyburtii & Valeriani | 3 | ♌ | 9 | 20 | 9 | 9 |
| 15 | g | ♐ kal | Clauis rogationū | ♌ | ♍ | 10 | ♌ | 9 | 22 |
| 16 | A | ♑ kal | | 4 | ♑ | 10 | ♐ | 10 | 4 |
| 17 | b | ♒ kal | | ♑ | ♒ | 11 | 0 | 10 | 18 |
| 18 | c | ♓ kal | | ♐ | ♓ | 11 | ♑ | 11 | 1 |
| 19 | d | ♈ kal | | ♏ | ♑ | 11 | ♑ | 11 | ♌ |
| 20 | e | ♉ kal | | 9 | ♑ | 0 | 9 | 11 | ♐ |
| 21 | f | ♊ kal | | 10 | ♒ | 0 | ♑ | 0 | 10 |
| 22 | g | ♋ kal | | 11 | ♑ | 1 | ♑ | 0 | ♑ |
| 23 | A | ♌ kal | Georgii martyris | ♌ | ♐ | 1 | ♐ | 1 | ♑ |
| 24 | b | ♍ kal | | 13 | ♏ | ♌ | ♌ | 1 | 19 |
| 25 | c | ♐ kal | Marci euangelistę | ♌ | ♑ | ♌ | ♓ | ♌ | ♌ |
| 26 | d | ♑ kal | | ♓ | ♌ | ♌ | ♏ | ♌ | ♑ |
| 27 | e | ♓ kal | | ♑ | ♍ | ♌ | ♐ | ♌ | ♐ |
| 28 | f | ♌ kal | Vitalis martyris | ♐ | ♏ | ♌ | ♒ | ♌ | ♐ |
| 29 | g | ♍ kal | Clauis pentecostes | ♏ | ♑ | ♌ | ♏ | ♌ | ♒ |
| 30 | A | ♎ kal | | ♐ | ♌ | ♌ | ♑ | ♌ | ♏ |

| | ·1475· | | | | | | ·1494· | | | | | | ·1513· | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CON | | | OPPO | | | CON | | | OPPO | | | CON | | | OPPO | | |
| 1 | | | | 12 | 4 | 18 | 16 | 23 | 35 | | | | 16 | 20 | 56 | | | |
| 2 | 16 | 4 | 23 | 1 | 20 | 20 | | | | 1 | 17 | 49 | | | | 1 | 7 | 44 |
| 3 | 5 | 11 | 53 | | | | 5 | 10 | 12 | | | | 5 | 3 | 48 | 9 | 23 | 1 |
| 4 | 13 | 20 | 42 | 9 | 3 | 14 | 13 | 18 | 44 | 9 | 3 | 45 | 13 | 19 | 41 | | | |
| 5 | | | | 17 | 14 | 42 | | | | 17 | 10 | 32 | | | | 17 | 11 | 12 |
| 6 | 2 | 9 | 40 | | | | 2 | 2 | 57 | 6 | 20 | 6 | 2 | 2 | 35 | 6 | 18 | 4 |
| 7 | | | | 6 | 5 | 32 | 10 | 14 | 8 | | | | 10 | 9 | 54 | | | |
| 8 | 10 | 2 | 9 | 14 | 15 | 23 | | | | 14 | 23 | 18 | | | | 14 | 9 | 8 |
| 9 | 18 | 11 | 41 | | | | 18 | 20 | 42 | | | | 18 | 5 | 2 | | | |
| 10 | | | | 3 | 7 | 5 | | | | 3 | 18 | 0 | 7 | 22 | 51 | 3 | 1 | 40 |
| 11 | 7 | 1 | 34 | 11 | 19 | 6 | 7 | 14 | 55 | | | | | | | 11 | 20 | 15 |
| 12 | 15 | 11 | 33 | | | | 15 | 11 | 50 | 11 | 11 | 9 | | | | | | |
| 13 | 4 | 18 | 42 | 19 | 2 | 59 | 4 | 19 | 29 | 19 | 3 | 53 | 15 | 6 | 33 | | | |
| 14 | | | | 8 | 10 | 57 | | | | 8 | 10 | 52 | 4 | 18 | 30 | 19 | 0 | 58 |
| 15 | 12 | 3 | 55 | | | | 12 | 2 | 18 | 16 | 21 | 44 | 12 | 3 | 14 | 8 | 11 | 11 |
| 16 | | | | 16 | 9 | 13 | 1 | 16 | 32 | | | | 1 | 10 | 20 | 16 | 18 | 2 |
| 17 | 1 | 6 | 17 | | | | | | | 5 | 12 | 15 | 9 | 21 | 11 | 5 | 3 | 20 |
| 18 | | | | 5 | 3 | 40 | 9 | 8 | 44 | | | | | | | | | |
| 19 | 9 | 0 | 59 | | | | | | | 13 | 22 | 0 | | | | 13 | 5 | 48 |
| 20 | | | | 13 | 9 | 13 | 17 | 19 | 23 | | | | 17 | 3 | 2 | | | |
| 21 | 17 | 2 | 57 | 2 | 19 | 51 | | | | 2 | 13 | 59 | 6 | 21 | 30 | 2 | 0 | 31 |
| 22 | 6 | 12 | 2 | 10 | 3 | 43 | 6 | 8 | 41 | | | | | | | 10 | 17 | 53 |
| 23 | 14 | 18 | 57 | 18 | 11 | 44 | 14 | 19 | 8 | 10 | 2 | 21 | 14 | 19 | 11 | | | |
| 24 | 3 | 5 | 22 | 7 | 23 | 55 | | | | 18 | 10 | 31 | | | | 18 | 11 | 22 |
| 25 | 11 | 19 | 24 | | | | 3 | 2 | 10 | 7 | 18 | 16 | 3 | 3 | 1 | 7 | 18 | 27 |
| 26 | | | | | | | 11 | 11 | 5 | 15 | 15 | 44 | 11 | 9 | 49 | | | |
| 27 | | | | 15 | 7 | 53 | 19 | 12 | 42 | | | | 19 | 23 | 20 | 15 | 4 | 46 |
| 28 | 19 | 4 | 59 | | | | | | | 4 | 9 | 53 | | | | 4 | 18 | 52 |
| 29 | 8 | 21 | 19 | 4 | 1 | 34 | 8 | 7 | 24 | | | | 8 | 15 | 14 | | | |
| 30 | | | | 12 | 16 | 11 | | | | 12 | 4 | 30 | | | | 12 | 12 | 13 |
| 31 | 16 | 11 | 54 | | | | 16 | 10 | 6 | | | | 16 | 1 | 2 | 1 | 20 | 45 |

# .MAIVS.

| | | | | SOLIS TAVR | | LVNAE S | G | S | G |
|---|---|---|---|---|---|---|---|---|---|
| 1 | b | | Philippi & Iacobi aplōꝝ | 20 | 1 | ♑ | 28 | 28 | 21 |
| 2 | c | ♂ nō | | 20 | 19 | ♑ | 18 | ♑ | 28 |
| 3 | d | ♑ nō | Inuentio. ſ. crucis | 21 | 16 | ♂ | 1 | ♑ | 14 |
| 4 | e | ♐ nō | | 22 | 12 | ♂ | 12 | ♂ | 0 |
| 5 | f | ♊ nō | | 23 | 11 | ♂ | 24 | ♂ | 13 |
| 6 | g | ♋ nō | Ioannis ante portam latinam | 24 | 28 | ♌ | 10 | ♂ | 26 |
| 7 | A | Non | | 25 | 26 | ♌ | 23 | ♌ | 9 |
| 8 | b | 8 id? | Apparitio. s. Michaelis | 26 | 23 | ♍ | ♌ | ♌ | 22 |
| 9 | c | ♌ id? | | 27 | 21 | ♍ | 20 | ♍ | ♑ |
| 10 | d | ♂ id? | Epimachi & ſociorum eius | 28 | 38 | ♎ | ♊ | ♍ | 19 |
| 11 | e | ♑ id? | | 29 | 34 | ♎ | 16 | ♎ | ♋ |
| 12 | f | ♐ id? | Pancratii martyris GEMINI | ♉ | 32 | ♎ | 29 | ♎ | 14 |
| 13 | g | ♊ id? | Seruatii epiſcopi | 1 | 30 | ♏ | 12 | ♎ | 28 |
| 14 | A | ♋ id? | | ♋ | 27 | ♏ | 26 | ♏ | 11 |
| 15 | b | Idus | Sophię uirginis | ♊ | 28 | ♐ | ♎ | ♏ | 28 |
| 16 | c | ♌ kal | Iunii | ♐ | 21 | ♐ | 22 | ♐ | ♌ |
| 17 | d | ♍ kal | | ♑ | 19 | ♉ | ♑ | ♐ | 20 |
| 18 | e | ♎ kal | | ♂ | 16 | ♉ | 18 | ♉ | ♊ |
| 19 | f | ♏ kal | Potentianę uirginis | ♌ | 13 | ♊ | ♋ | ♉ | 16 |
| 20 | g | ♐ kal | | ♍ | 10 | ♊ | 14 | ♉ | 29 |
| 21 | A | ♑ kal | | ♎ | ♌ | ♊ | 28 | ♊ | 12 |
| 22 | b | ♒ kal | Helenę reginę | 10 | ♐ | ♋ | 11 | ♊ | 24 |
| 23 | c | ♓ kal | | 11 | ♑ | ♋ | 28 | ♋ | ♍ |
| 24 | d | ♈ kal | | 11 | 48 | ♌ | ♌ | ♋ | 21 |
| 25 | e | ♉ kal | Vrbani papę | 12 | 44 | ♌ | 21 | ♌ | ♐ |
| 26 | f | ♌ kal | | 13 | 43 | ♐ | ♐ | ♌ | 14 |
| 27 | g | ♂ kal | | 12 | 40 | ♐ | 14 | ♐ | ♑ |
| 28 | A | ♑ kal | | 14 | 38 | ♑ | ♍ | ♐ | 12 |
| 29 | b | ♐ kal | | 16 | 32 | ♑ | 13 | ♐ | 27 |
| 30 | c | ♊ kal | | 14 | 21 | ♑ | 26 | ♑ | ♓ |
| 31 | d | ♋ kal | Petronellę uirginis | 18 | 38 | ♂ | ♓ | ♑ | 23 |



# .IVNIVS.

| | | | | SOLIS GEMINI | | LVNAE S | | LVNAE G | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | e | | Nicomedis martyris | 19 | 34 | ♋ | 23 | ♋ | ♋ |
| 2 | f | 4 nō | Marcellini & Petri | 20 | 32 | ♌ | ♋ | ♋ | 19 |
| 3 | g | 3 nō | Erasmii episcopi | 21 | 29 | ♌ | 19 | ♌ | 2 |
| 4 | A | 2 nō | | 22 | 26 | ♊ | 2 | ♌ | 14 |
| 5 | b | Non | Bonifacii papę | 23 | 23 | ♊ | 16 | ♌ | 28 |
| 6 | c | 8 id? | | 28 | 20 | ♊ | 29 | ♊ | 11 |
| 7 | d | 7 id? | | 24 | 17 | ♍ | 12 | ♊ | 25 |
| 8 | e | 6 id? | | 26 | 13 | ♍ | 24 | ♍ | 7 |
| 9 | f | 5 id? | Primi & Feliciani | 27 | 11 | 10 | ♊ | ♍ | 20 |
| 10 | g | 4 id? | | 28 | ♊ | 10 | 21 | 10 | ♑ |
| 11 | A | 3 id? | Barnabę apostoli | 29 | 4 | 11 | 4 | 10 | 14 |
| 12 | b | 2 id? | CANCER | ♋ | 2 | 11 | 18 | 11 | ♋ |
| 13 | c | Idus | | ♋ | 29 | ♋ | 1 | 11 | 13 |
| 12 | d | 18 kal | Iulii | 1 | 16 | ♋ | 18 | 11 | 26 |
| 14 | e | 17 kal | Viti martyris & Modesti | 2 | 13 | ♋ | 24 | ♋ | ♍ |
| 16 | f | 16 kal | | ♑ | 10 | 1 | 10 | ♋ | 22 |
| 17 | g | 15 kal | | ♑ | 27 | 1 | 28 | 1 | 4 |
| 18 | A | 14 kal | Marci & Marcelliani | 4 | 22 | 2 | ♌ | 1 | 18 |
| 19 | b | 13 kal | Gervasii & Protasii | 6 | 21 | 2 | 20 | 2 | 1 |
| 20 | c | 12 ka | | ♌ | 18 | ♑ | ♑ | 2 | 18 |
| 21 | d | 11 kal | Albani martyris | 8 | 14 | ♑ | 16 | 2 | 24 |
| 22 | e | 10 kal | Achatii & sociorum eius | ♑ | 12 | ♑ | ♋ | ♑ | 10 |
| 23 | f | ♑ kal | Vigilia | 10 | 29 | ♑ | 13 | ♑ | 23 |
| 24 | g | 8 kal | Ioannis baptistę | 11 | 26 | ♑ | 26 | ♑ | 6 |
| 24 | A | 7 kal | | 12 | 23 | 4 | ♑ | ♑ | 19 |
| 26 | b | 6 kal | Ioannis & Pauli | 13 | 21 | 4 | 22 | 4 | ♑ |
| 27 | c | 5 kal | Septem dormientium | 18 | 18 | ♉ | 4 | 4 | 16 |
| 28 | d | 4 kal | Leonis papę Vigilia | 14 | 14 | ♉ | 19 | 4 | 29 |
| 29 | e | 3 kal | Petri & Pauli apl̄oꝝ | 16 | 12 | ♌ | 2 | ♉ | 12 |
| 30 | f | 2 kal | Commemoratio. s. Pauli | 17 | ♑ | ♌ | 14 | ♉ | 24 |

| CON | OPPO | CON | OPPO | CON | OPPO |
| --- | --- | --- | --- | --- | --- |
| .1513. | | .1532. | | .1547. | |
| 6 | 18 6 | 92 1 4 | 30 2 4 | 24 VI 6 | 28 1 4 1 |
| 6 | 18 6 | 92 1 4 | 30 2 4 | 24 VI 6 | 28 1 4 1 |
| | 9 13 | | 10 01 13 | | 13 6 11 |
| | | | | | 6 VI 9 |
| 62 21 | 12 V 9 | V 92 28 | | 25 6 | |
| 21 V 3 | 25 18 V 8 | 92 02 3 | 6 1 18 | 28 2 | 25 18 V 8 |
| | | 13 8 | 82 14 V 11 | 6 10 11 | 12 01 |
| V6 0 11 | 14 VI 1 14 01 | 9 2 14 | 88 18 10 | 8 VI 14 | 14 1 14 01 |
| 61 18 10 | V 2 14 | V 6 12 | | | 13 12 2 11 |
| 92 1 8 | 0 01 2 | 18 1 8 | 0 18 12 | 28 9 8 | 12 |
| 66 11 10 | 01 12 | 30 22 9 | 01 16 12 | 2 10 | 21 2 21 13 |
| 12 1 14 | 2 22 6 | 92 91 4 | 92 61 1 | 82 18 10 | 92 11 1 14 |
| 18 11 13 | 9 12 | | 10 18 | 12 8 14 | 9 |
| 82 91 10 | 22 22 9 | 6 01 2 | 12 2 9 | 02 VI 01 | 92 01 2 6 1 |
| 63 2 | 01 V VI | 8 2 VI VI | | 8 2 13 | 14 18 VI 8 1 |
| 18 11 13 | 9 12 | | | 8 2 6 | |
| 18 1 14 | 2 22 6 | 18 6 14 | 12 6 1 3 | 14 1 18 | 92 12 11 12 |
| 9 1 18 | 02 91 2 | 14 1 18 | 12 6 1 3 | 65 14 2 | 22 |
| 08 8 V | 23 13 V | 82 2 V | | | 12 |
| 18 1 11 | 01 12 14 | 1 6 11 | | | 82 |
| 11 14 | 82 18 10 | 12 6 11 | | | 12 |
| 61 12 8 | 9 2 10 | 9 14 8 | | | 22 9 01 92 |
| | 0 8 10 | V 92 18 | 12 V 01 | 62 21 | |
| 21 10 9 | 18 18 9 | | | | 5 |
| 0 1 VI | 14 VI 2 | 12 8 VI | 02 12 2 | 95 14 VI | 2 |
| 2 | 18 9 13 | 05 01 13 | | 15 6 19 | 13 |
| 6 | 18 6 | 92 1 4 | 24 VI 6 | 28 1 4 1 | |

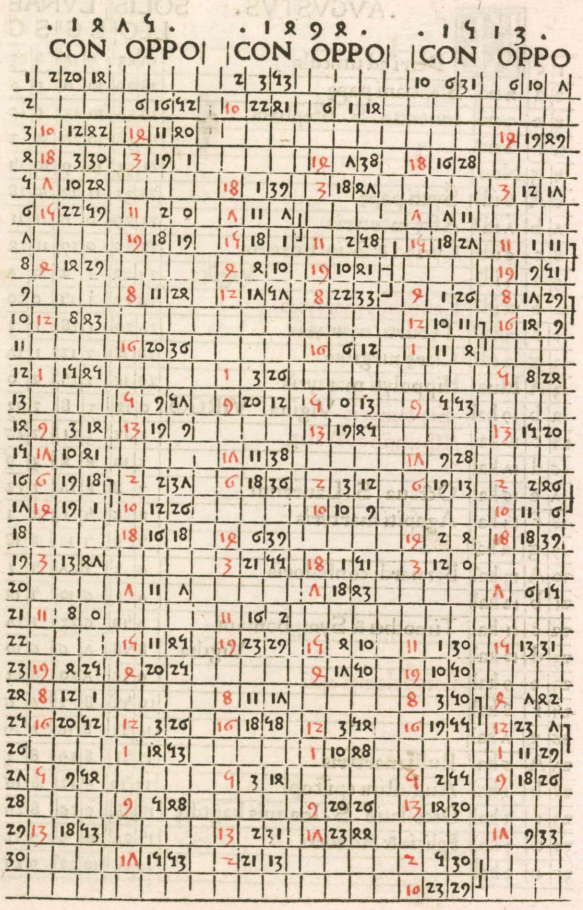
# .IVLIVS.

| | | | | SOLIS CANCER | | LVNAE S | G | S | G |
|---|---|---|---|---|---|---|---|---|---|
| 1 | g | | Octaua. s. Ioannis baptiſtę | 18 | ♋ | ♌ | 28 | ♌ | 8 |
| 2 | A | ♋ nō | Viſitatio Marię | 19 | 3 | 8 | 11 | ♌ | 21 |
| 3 | b | ♌ nō | | 20 | 0 | 8 | 23 | 8 | 2 |
| 4 | c | ♌ nō | | 20 | ♌ | 7 | 8 | 8 | ♌ |
| 5 | d | ♍ nō | | 21 | ♍ | 7 | 21 | 7 | 0 |
| 6 | e | ♍ nō | Octaua ſanctoꝝ Pe. & Pau. | 22 | ♎ | 10 | 2 | 7 | ♎ |
| ♌ | f | Non | | 23 | ♎ | 10 | ♌ | 7 | 20 |
| 8 | g | ♎ id? | | 23 | ♎ | 11 | 0 | 10 | 7 |
| 9 | A | ♌ id? | | 24 | ♏ | 11 | ♍ | 10 | ♏ |
| 10 | b | ♋ id? | Septem fratrum | 26 | ♏ | 11 | ♍ | 11 | 5 |
| 11 | c | ♌ id? | | ♍ | ♐ | 0 | 10 | 11 | ♐ |
| 12 | d | ♌ id? | | 28 | ♐ | 0 | ♑ | 0 | ♑ |
| 13 | e | ♍ id? | Margaretę uirginis | 29 | ♑ | 1 | ♋ | 0 | ♑ |
| 14 | f | ♍ id? | LEO | 0 | ♑ | 1 | 19 | 0 | ♑ |
| 15 | g | Idus | Diuiſio apoſtolorum | 1 | ♒ | ♌ | ♍ | 1 | ♐ |
| 16 | A | ♌ kal | Auguſti | ♌ | ♒ | ♌ | ♎ | 1 | ♒ |
| ♌ | b | ♋ kal | Alexii confeſſoris | ♍ | ♓ | ♌ | ♏ | ♌ | ♌ |
| 18 | c | ♑ kal | | ♌ | ♓ | ♍ | ♑ | ♌ | ♒ |
| 19 | d | ♒ kal | | 5 | ♑ | ♍ | ♍ | ♍ | ♍ |
| 20 | e | ♓ kal | | ♋ | ♒ | ♌ | ♌ | ♍ | ♎ |
| 21 | f | ♒ kal | Braxedis uirginis | ♌ | 9 | ♌ | ♒ | ♍ | ♏ |
| 22 | g | ♑ kal | Marię magdalenę | ♌ | ♋ | 5 | 5 | ♌ | ♒ |
| 23 | A | ♐ kal | Apollinaris martyris | 9 | ♌ | 5 | ♓ | ♌ | ♑ |
| 24 | b | 9 kal | Vigilia | ♐ | ♑ | ♋ | ♑ | 5 | ♌ |
| 25 | c | ♌ kal | Iacobi apoſtoli Chriſtophori | ♑ | 0 | ♋ | ♒ | 5 | ♑ |
| 26 | d | ♌ kal | Annę matris Marię | ♑ | ♌ | ♋ | ♌ | ♋ | ♌ |
| ♌ | e | ♋ kal | | ♒ | ♌ | ♌ | ♑ | ♋ | ♓ |
| 28 | f | ♌ kal | Pantaleonis martyris | ♓ | ♒ | ♌ | ♌ | ♌ | ♑ |
| 29 | g | ♌ kal | | ♓ | ♐ | ♋ | ♌ | ♌ | ♓ |
| 30 | A | ♍ kal | | ♑ | ♌ | ♋ | ♐ | ♌ | ♌ |
| 31 | b | ♍ kal | | ♐ | ♌ | 9 | ♍ | ♋ | ♐ |

| | ·1285· | | | | | | | ·1292· | | | | | | | ·1513· | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CON | | | OPPO | | | | CON | | | OPPO | | | | CON | | | OPPO | | | |
| 1 | 13 | 9 | 37 | | | | | | | | 17 | 16 | 26 | | | | | 17 | 9 | 20 |
| 2 | | | | 17 | 6 | 29 | | 2 | 12 | 26 | | | | | 2 | 2 | 38 | 6 | 20 | 28 |
| 3 | 2 | 2 | 13 | | | | | | | | 6 | 9 | 10 | | 10 | 15 | 51 | | | |
| 4 | 10 | 22 | 22 | 6 | 1 | 31 | | 10 | 6 | 23 | | | | | | | | | | |
| 5 | 18 | 18 | 53 | 12 | 2 | 12 | | | | | 12 | 18 | 32 | | | | | 12 | 3 | 27 |
| 6 | | | | 3 | 10 | 56 | | 18 | 13 | 51 | | | | | 18 | 1 | 6 | 3 | 21 | 56 |
| 7 | 7 | 2 | 29 | 11 | 17 | 51 | | 7 | 1 | 38 | 3 | 8 | 12 | | 7 | 18 | 2 | | | |
| 8 | 14 | 11 | 7 | | | | | 14 | 9 | 18 | 11 | 18 | 16 | | | | | 11 | 13 | 16 |
| 9 | 2 | 23 | 53 | 19 | 5 | 3 | | 2 | 17 | 26 | 19 | 1 | 6 | | 14 | 10 | 12 | | | |
| 10 | | | | 8 | 19 | 28 | | | | | 8 | 10 | 33 | | 2 | 17 | 12 | 19 | 1 | 50 |
| 11 | 12 | 16 | 23 | | | | | 12 | 2 | 32 | | | | | 12 | 0 | 29 | 8 | 8 | 21 |
| 12 | | | | | | | | | | | 16 | 13 | 33 | | 1 | 19 | 20 | 16 | 23 | 30 |
| 13 | | | | 16 | 5 | 22 | | 1 | 10 | 58 | | | | | | | | 5 | 15 | 59 |
| 14 | 1 | 2 | 2 | 4 | 21 | 32 | | | | | 4 | 8 | 18 | | 9 | 13 | 9 | | | |
| 15 | 9 | 16 | 7 | | | | | 9 | 2 | 17 | | | | | | | | | | |
| 16 | | | | 13 | 10 | 56 | | | | | 13 | 9 | 26 | | 17 | 21 | 2 | 13 | 1 | 36 |
| 17 | 17 | 2 | 19 | 2 | 17 | 27 | | 17 | 2 | 32 | 2 | 18 | 21 | | | | | 2 | 15 | 37 |
| 18 | 6 | 9 | 29 | 10 | 1 | 23 | | 6 | 10 | 29 | | | | | 6 | 9 | 13 | 10 | 1 | 59 |
| 19 | 12 | 3 | 19 | 18 | 23 | 25 | | 12 | 18 | 38 | 10 | 1 | 23 | | 12 | 17 | 10 | | | |
| 20 | 3 | 20 | 50 | | | | | | | | 18 | 12 | 27 | | | | | 18 | 8 | 52 |
| 21 | | | | 7 | 18 | 12 | | 3 | 7 | 12 | | | | | 3 | 1 | 8 | 7 | 18 | 7 |
| 22 | 11 | 15 | 38 | | | | | | ~~7~~ | ~~12~~ | 7 | 2 | 52 | | 11 | 11 | 57 | | | |
| 23 | | | | | | | | 11 | 22 | 23 | 14 | 12 | 22 | | | | | 14 | 20 | 27 |
| 24 | 19 | 17 | 57 | 14 | 0 | 5 | | 19 | 9 | 11 | | | | | 19 | 17 | 53 | | | |
| 25 | | | | 2 | 10 | 52 | | 8 | 23 | 37 | 2 | 2 | 53 | | | | | 2 | 15 | 16 |
| 26 | 8 | 3 | 8 | 12 | 18 | 53 | | | | | 12 | 17 | 22 | | 8 | 12 | 20 | | | |
| 27 | 16 | 10 | 5 | | | | | 16 | 10 | 19 | | | | | 16 | 10 | 20 | 12 | 8 | 26 |
| 28 | 4 | 20 | 29 | 1 | 2 | 51 | | 4 | 17 | 22 | 1 | 1 | 22 | | 4 | 18 | 18 | 1 | 2 | 32 |
| 29 | | | | 9 | 15 | 1 | | | | | 9 | 9 | 31 | | | | | 9 | 9 | 22 |
| 30 | | | | | | | | 13 | 10 | 32 | | | | | 13 | 2 | 20 | 17 | 20 | 0 |
| 31 | 13 | 1 | 35 | 17 | 23 | 2 | | | | | 17 | 6 | 53 | | 2 | 12 | 35 | | | |

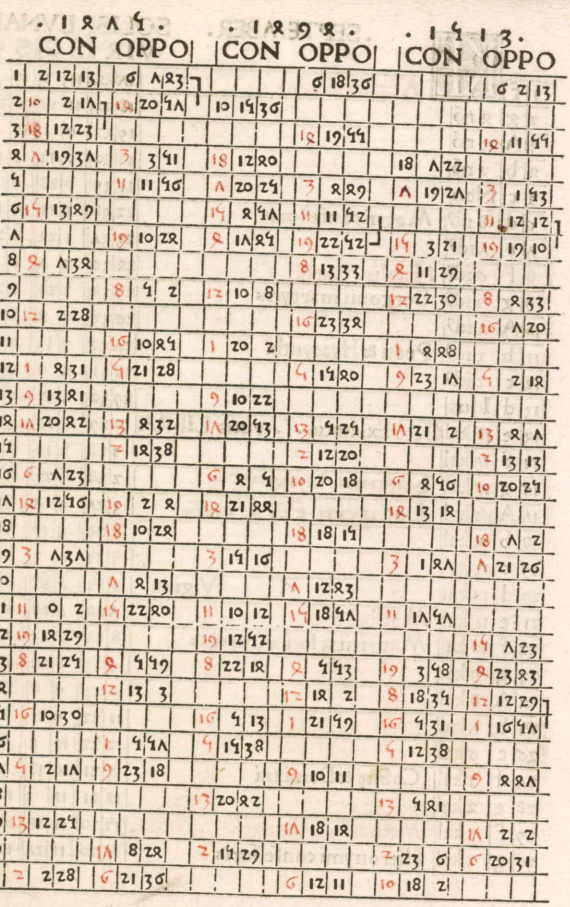
# .AVGVSTVS.

| | | | | SOLIS LEO | | LVNAE S G | | S G | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | c | | Petri ad uincula | 11 | 23 | 9 | 11 | 8 | 23 |
| 2 | d | 2 nō | Stephani papę | 18 | 20 | 10 | 0 | 9 | 6 |
| 3 | e | 3 nō | Inuentio. S. Stephani | 19 | 38 | 10 | 13 | 9 | 19 |
| 4 | f | 2 nō | | 20 | 36 | 10 | 26 | 10 | 2 |
| 5 | g | Non | | 21 | 33 | 11 | 9 | 10 | 15 |
| 6 | A | 8 id? | Syxti papę | 22 | 31 | 11 | 22 | 10 | 28 |
| 7 | b | 7 id? | Afrę martyris | 23 | 29 | 0 | 6 | 11 | 11 |
| 8 | c | 6 id? | Cyriaci & ſociorum eius | 24 | 26 | 0 | 19 | 11 | 24 |
| 9 | d | 5 id? | Vigilia | 25 | 24 | 1 | 2 | 0 | 7 |
| 10 | e | 4 id? | Laurentii martyris | 26 | 22 | 1 | 15 | 0 | 20 |
| 11 | f | 3 id? | Tyburtii martyris | 27 | 20 | 1 | 28 | 1 | 3 |
| 12 | g | 2 id? | Clarę virginis | 28 | 18 | 2 | 12 | 1 | 17 |
| 13 | A | Idus | Hippolyti martyris | 29 | 16 | 2 | 25 | 2 | 0 |
| 14 | b | 19 kal | Septembris Vigilia VIRGO | 0 | 14 | 3 | 8 | 2 | 13 |
| 15 | c | 18 kal | Aſſumptio Marię | 1 | 12 | 3 | 21 | 2 | 26 |
| 16 | d | 17 kal | | 2 | 10 | 4 | 4 | 3 | 9 |
| 17 | e | 16 kal | Octaua. S. Laurentii | 3 | 8 | 4 | 17 | 3 | 22 |
| 18 | f | 15 kal | Agapiti martyris | 4 | 6 | 5 | 1 | 4 | 5 |
| 19 | g | 14 kal | | 5 | 4 | 5 | 14 | 4 | 18 |
| 20 | A | 13 kal | Bernardi confeſſoris | 6 | 3 | 5 | 27 | 5 | 1 |
| 21 | b | 12 kal | | 7 | 1 | 6 | 10 | 5 | 14 |
| 22 | c | 11 kal | Timothei & Symphoniani | 7 | 29 | 6 | 23 | 5 | 27 |
| 23 | d | 10 kal | Vigilia | 8 | 28 | 7 | 6 | 6 | 10 |
| 24 | e | 9 kal | Barthołomęi apli | 9 | 26 | 7 | 20 | 6 | 23 |
| 25 | f | 8 kal | | 10 | 24 | 8 | 3 | 7 | 6 |
| 26 | g | 7 kal | | 11 | 23 | 8 | 16 | 7 | 19 |
| 27 | A | 6 kal | Ruffi martyris | 12 | 21 | 8 | 29 | 8 | 3 |
| 28 | b | 5 kal | Auguſtini epiſcopi | 13 | 20 | 9 | 12 | 8 | 16 |
| 29 | c | 4 kal | Decollatio. S. Ioannis baptiſtę | 14 | 18 | 9 | 26 | 8 | 29 |
| 30 | d | 3 kal | Fęlicis & Adaucti | 15 | 17 | 10 | 9 | 9 | 12 |
| 31 | e | 2 kal | | 16 | 16 | 10 | 22 | 9 | 25 |


1713.
CON OPPO
1898.
CON OPPO
1983.
CON OPPO

| | | | . SEPTEMBER . | SOLIS VIR | | LVNAE S | G | S | G |
|---|---|---|---|---|---|---|---|---|---|
| 1 | f | | AEgidii abbatis | 17 | 22 | 11 | 4 | 10 | 8 |
| 2 | g | 2 nõ | | 18 | 23 | 11 | 18 | 10 | 21 |
| 3 | A | 3 nõ | | 19 | 22 | 0 | 1 | 11 | 2 |
| 4 | b | 2 nõ | | 20 | 20 | 0 | 14 | 11 | 17 |
| 5 | c | Non | | 21 | 39 | 0 | 28 | 0 | 0 |
| 6 | d | 8 id⁹ | Magni confessoris | 22 | 38 | 1 | 11 | 0 | 13 |
| 7 | e | 7 id⁹ | | 23 | 37 | 1 | 22 | 0 | 26 |
| 8 | f | 6 id⁹ | Natalis Marię | 24 | 36 | 2 | 7 | 1 | 9 |
| 9 | g | 4 id⁹ | Gorgonii martyris | 25 | 32 | 2 | 20 | 1 | 22 |
| 10 | A | 2 id⁹ | | 26 | 33 | 3 | 2 | 2 | 4 |
| 11 | b | 3 id⁹ | Proti & Hyacynthi | 27 | 32 | 3 | 17 | 2 | 19 |
| 12 | c | 2 id⁹ | | 28 | 31 | 2 | 0 | 3 | 2 |
| 13 | d | Idus | | 29 | 30 | 2 | 13 | 3 | 14 |
| 14 | e | 18 kal | Octo Exaltatio . s. crucis LIBRA | 0 | 29 | 2 | 26 | 3 | 28 |
| 15 | f | 17 kal | | 1 | 28 | 4 | 10 | 2 | 11 |
| 16 | g | 16 kal | Eufemie Virginis | 2 | 28 | 4 | 23 | 2 | 22 |
| 17 | A | 14 kal | Lamperti Epi & mris | 3 | 27 | 6 | 6 | 4 | 7 |
| 18 | b | 12 kal | | 2 | 26 | 6 | 19 | 4 | 20 |
| 19 | c | 13 kal | | 4 | 24 | 7 | 2 | 6 | 3 |
| 20 | d | 12 kal | Vigilia | 6 | 24 | 7 | 14 | 6 | 16 |
| 21 | e | 11 kal | Matthęi apli | 7 | 22 | 7 | 29 | 6 | 29 |
| 22 | f | 10 kal | Mauricii & sociorum eius | 8 | 22 | 8 | 12 | 7 | 12 |
| 23 | g | 9 kal | | 9 | 23 | 8 | 24 | 7 | 24 |
| 24 | A | 8 kal | | 10 | 23 | 9 | 8 | 8 | 8 |
| 25 | b | 7 kal | | 11 | 22 | 9 | 21 | 8 | 21 |
| 26 | c | 6 kal | | 12 | 22 | 10 | 2 | 9 | 2 |
| 27 | d | 4 kal | Cosmę & Damiani | 13 | 21 | 10 | 18 | 9 | 18 |
| 28 | e | 2 kal | | 14 | 21 | 11 | 1 | 10 | 1 |
| 29 | f | 3 kal | Michaelis archangeli | 15 | 20 | 11 | 12 | 10 | 12 |
| 30 | g | 2 kal | Hieronymi confessoris | 16 | 20 | 11 | 27 | 10 | 27 |

| | ·1245· CON | | | | OPPO | | | | ·1292· CON | | | | OPPO | | | | ·1513· CON | | | | OPPO | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 12 | 13 | | 6 | 7 | 23 | | | | | | 6 | 18 | 36 | | | | | | 6 | 2 | 13 | |
| 2 | 10 | 2 | 17 | | 14 | 20 | 57 | | 10 | 15 | 36 | | | | | | | | | | | | | |
| 3 | 18 | 12 | 23 | | | | | | | | | | 14 | 19 | 55 | | | | | | 14 | 11 | 55 | |
| 4 | 7 | 19 | 37 | | 3 | 3 | 51 | | 18 | 12 | 20 | | | | | | 18 | 7 | 22 | | | | | |
| 5 | | | | | 11 | 11 | 56 | | 7 | 20 | 25 | | 3 | 4 | 29 | | 7 | 19 | 27 | | 3 | 1 | 53 | |
| 6 | 15 | 13 | 29 | | | | | | 15 | 4 | 57 | | 11 | 11 | 52 | | | | | | 11 | 12 | 12 | |
| 7 | | | | | 19 | 10 | 24 | | 4 | 17 | 25 | | 19 | 22 | 52 | | 15 | 3 | 21 | | 19 | 19 | 10 | |
| 8 | 4 | 7 | 32 | | | | | | | | | | 8 | 13 | 33 | | 4 | 11 | 29 | | | | | |
| 9 | | | | | 8 | 5 | 2 | | 12 | 10 | 8 | | | | | | 12 | 22 | 30 | | 8 | 4 | 33 | |
| 10 | 12 | 2 | 28 | | | | | | | | | | 16 | 23 | 34 | | | | | | 16 | 7 | 20 | |
| 11 | | | | | 16 | 10 | 25 | | 1 | 20 | 2 | | | | | | 1 | 4 | 28 | | | | | |
| 12 | 1 | 4 | 31 | | 5 | 21 | 28 | | | | | | 5 | 15 | 20 | | 9 | 23 | 17 | | 5 | 2 | 14 | |
| 13 | 9 | 13 | 21 | | | | | | 9 | 10 | 22 | | | | | | | | | | | | | |
| 14 | 17 | 20 | 42 | | 13 | 4 | 32 | | 17 | 20 | 53 | | 13 | 5 | 25 | | 17 | 21 | 2 | | 13 | 4 | 7 | |
| 15 | | | | | 2 | 14 | 38 | | | | | | 2 | 12 | 20 | | | | | | 2 | 13 | 13 | |
| 16 | 6 | 7 | 23 | | | | | | 6 | 4 | 5 | | 10 | 20 | 18 | | 6 | 4 | 56 | | 10 | 20 | 25 | |
| 17 | 14 | 12 | 56 | | 10 | 2 | 4 | | 14 | 21 | 44 | | | | | | 14 | 13 | 14 | | | | | |
| 18 | | | | | 18 | 10 | 24 | | | | | | 18 | 18 | 15 | | | | | | 18 | 7 | 2 | |
| 19 | 3 | 7 | 37 | | | | | | 3 | 15 | 16 | | | | | | 3 | 1 | 47 | | 7 | 21 | 26 | |
| 20 | | | | | 7 | 4 | 13 | | | | | | 7 | 12 | 43 | | | | | | | | | |
| 21 | 11 | 0 | 2 | | 15 | 22 | 40 | | 11 | 10 | 12 | | 15 | 18 | 57 | | 11 | 17 | 57 | | | | | |
| 22 | 19 | 14 | 29 | | | | | | 19 | 12 | 52 | | | | | | | | | | 15 | 7 | 23 | |
| 23 | 8 | 21 | 25 | | 4 | 5 | 59 | | 8 | 22 | 14 | | 4 | 5 | 53 | | 19 | 3 | 58 | | 4 | 23 | 43 | |
| 24 | | | | | 12 | 13 | 3 | | | | | | 12 | 14 | 2 | | 8 | 18 | 35 | | 12 | 12 | 29 | |
| 25 | 16 | 10 | 30 | | | | | | 16 | 5 | 13 | | 1 | 21 | 59 | | 16 | 5 | 31 | | 1 | 16 | 57 | |
| 26 | | | | | 1 | 5 | 57 | | 5 | 15 | 38 | | | | | | 5 | 12 | 38 | | | | | |
| 27 | 5 | 2 | 17 | | 9 | 23 | 18 | | | | | | 9 | 10 | 11 | | | | | | 9 | 4 | 47 | |
| 28 | | | | | | | | | 13 | 20 | 42 | | | | | | 13 | 5 | 41 | | | | | |
| 29 | 13 | 12 | 25 | | | | | | | | | | 17 | 18 | 14 | | | | | | 17 | 2 | 2 | |
| 30 | | | | | 17 | 8 | 24 | | 2 | 15 | 29 | | | | | | 2 | 23 | 6 | | 6 | 20 | 31 | |
| 31 | 2 | 2 | 28 | | 6 | 21 | 36 | | | | | | 6 | 12 | 11 | | 10 | 18 | 2 | | | | | |



# .OCTOBER.

| | | | | SOLIS LIBRA | | LVNAE S G | | S G | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | A | | Remigii episcopi | 17 | 20 | 0 | 10 | 11 | 10 |
| 2 | b | 6 nõ | Leodegarii episcopi | 18 | 19 | 10 | 28 | 11 | 23 |
| 3 | c | 5 nõ | | 19 | 19 | 1 | 7 | 0 | 6 |
| 4 | d | 4 nõ | Francisci confessoris | 20 | 19 | 1 | 20 | 0 | 19 |
| 5 | e | 3 nõ | | 21 | 19 | 2 | 3 | 1 | 2 |
| 6 | f | 2 nõ | | 22 | 19 | 2 | 16 | 1 | 15 |
| 7 | g | Non | | 23 | 19 | 2 | 29 | 1 | 28 |
| 8 | A | 8 id⁹ | | 24 | 19 | 3 | 13 | 2 | 11 |
| 9 | b | 7 id⁹ | Dionysii & sociorum eius | 25 | 19 | 3 | 26 | 2 | 24 |
| 10 | c | 6 id⁹ | | 26 | 19 | 4 | 9 | 3 | 7 |
| 11 | d | 5 id⁹ | | 27 | 19 | 4 | 22 | 3 | 20 |
| 12 | e | 4 id⁹ | | 28 | 20 | 5 | 5 | 4 | 4 |
| 13 | f | 3 id⁹ | | 29 | 20 | 5 | 18 | 4 | 17 |
| 14 | g | 2 id⁹ | Calisti papę SCORPIO | 0 | 20 | 6 | 2 | 5 | 0 |
| 15 | A | Idus | | 1 | 20 | 6 | 15 | 5 | 13 |
| 16 | b | 17 kal | Nouẽb Galli confessoris | 2 | 21 | 6 | 28 | 5 | 26 |
| 17 | c | 16 kal | Marthę hospitę christi | 3 | 21 | 7 | 11 | 6 | 9 |
| 18 | d | 15 kal | Lucę euangelistę | 4 | 21 | 7 | 24 | 6 | 22 |
| 19 | e | 14 kal | | 5 | 22 | 8 | 8 | 7 | 5 |
| 20 | f | 13 kal | | 6 | 22 | 8 | 21 | 7 | 18 |
| 21 | g | 12 kal | Vndecim milium uirginum | 7 | 23 | 9 | 4 | 8 | 1 |
| 22 | A | 11 kal | Seueri episcopi | 8 | 23 | 9 | 17 | 8 | 14 |
| 23 | b | 10 kal | Seuerini episcopi | 9 | 24 | 10 | 0 | 8 | 27 |
| 24 | c | 9 kal | | 10 | 25 | 10 | 13 | 9 | 10 |
| 25 | d | 8 kal | Crispini & Crispiniani | 11 | 25 | 10 | 27 | 9 | 23 |
| 26 | e | 7 kal | | 12 | 26 | 11 | 10 | 10 | 6 |
| 27 | f | 6 kal | Vigilia | 13 | 27 | 11 | 23 | 10 | 19 |
| 28 | g | 5 kal | Simonis & Iudę aplõꝝ | 14 | 27 | 0 | 6 | 11 | 3 |
| 29 | A | 4 kal | | 15 | 28 | 0 | 19 | 11 | 16 |
| 30 | b | 3 kal | | 16 | 29 | 1 | 2 | 11 | 29 |
| 31 | c | 2 kal | | 17 | 29 | 1 | 16 | 0 | 12 |

| | .1475. | | | | | | .1494. | | | | | | .1513. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | CON | | | OPPO | | | CON | | | OPPO | | | CON | | | OPPO | | |
| 1 | 10 | 14 | 48 | 14 | 6 | 32 | 10 | 8 | 8 | | | | | | | | | |
| 2 | 18 | 22 | 9 | 3 | 14 | 10 | 18 | 23 | 8 | 14 | 7 | 15 | 18 | 21 | 13 | 14 | 3 | 11 |
| 3 | 7 | 6 | 49 | | | | 7 | 6 | 5 | 3 | 14 | 40 | | | | 3 | 14 | 24 |
| 4 | | | | 11 | 0 | 19 | 15 | 18 | 42 | 11 | 21 | 42 | 7 | 6 | 49 | | | |
| 5 | 15 | 7 | 23 | | | | | | | 19 | 14 | 2 | 15 | 13 | 44 | 11 | 22 | 40 |
| 6 | | | | 19 | 4 | 47 | 4 | 10 | 16 | | | | 4 | 23 | 57 | 19 | 6 | 26 |
| 7 | 4 | 2 | 17 | 8 | 23 | 39 | | | | 8 | 7 | 13 | | | | 8 | 18 | 24 |
| 8 | 12 | 20 | 28 | | | | 12 | 4 | 36 | | | | 12 | 13 | 38 | | | |
| 9 | | | | 16 | 23 | 43 | | | | 16 | 16 | 33 | 1 | 23 | 26 | 16 | 2 | 18 |
| 10 | 1 | 16 | 17 | | | | 1 | 11 | 46 | | | | | | | 5 | 20 | 16 |
| 11 | 9 | 23 | 52 | 5 | 8 | 17 | 9 | 23 | 20 | 5 | 6 | 1 | 9 | 16 | 19 | | | |
| 12 | | | | 13 | 15 | 46 | | | | 13 | 15 | 17 | | | | 13 | 15 | 54 |
| 13 | 17 | 9 | 5 | | | | 17 | 6 | 52 | 2 | 22 | 48 | 17 | 7 | 49 | 2 | 23 | 23 |
| 14 | 6 | 22 | 27 | 2 | 3 | 3 | 6 | 15 | 23 | | | | 6 | 14 | 50 | | | |
| 15 | | | | 10 | 18 | 35 | | | | 10 | 8 | 44 | | | | 10 | 6 | 25 |
| 16 | 14 | 7 | 50 | | | | 14 | 15 | 24 | | | | 14 | 3 | 0 | 18 | 22 | 13 |
| 17 | | | | 18 | 4 | 46 | | | | 18 | 12 | 44 | 3 | 18 | 23 | | | |
| 18 | 3 | 1 | 2 | 7 | 20 | 24 | 3 | 10 | 17 | | | | | | | 7 | 15 | 14 |
| 19 | 11 | 14 | 48 | | | | | | | 7 | 7 | 40 | | | | | | |
| 20 | | | | 15 | 9 | 3 | 11 | 4 | 35 | 15 | 8 | 18 | 11 | 12 | 36 | | | |
| 21 | 19 | 0 | 31 | 4 | 16 | 2 | 19 | 0 | 58 | 4 | 17 | 0 | 19 | 20 | 7 | 15 | 0 | 47 |
| 22 | 8 | 7 | 54 | | | | 8 | 8 | 38 | | | | 8 | 7 | 56 | 4 | 14 | 27 |
| 23 | | | | 12 | 0 | 21 | 16 | 17 | 34 | 12 | 0 | 4 | 16 | 15 | 37 | 12 | 0 | 32 |
| 24 | 16 | 2 | 55 | 1 | 23 | 38 | | | | 1 | 11 | 40 | 5 | 23 | 58 | 1 | 7 | 29 |
| 25 | 5 | 20 | 55 | | | | 5 | 7 | 4 | | | | | | | 9 | 17 | 12 |
| 26 | | | | 9 | 18 | 25 | | | | 9 | 2 | 42 | 13 | 23 | 27 | | | |
| 27 | | | | | | | 13 | 15 | 52 | | | | | | | 17 | 20 | 45 |
| 28 | 13 | 5 | 0 | 17 | 23 | 35 | | | | 17 | 12 | 54 | 2 | 18 | 15 | | | |
| 29 | 2 | 17 | 13 | 6 | 10 | 2 | 2 | 9 | 13 | | | | | | | 6 | 15 | 52 |
| 30 | | | | 14 | 17 | 4 | 10 | 23 | 15 | 6 | 4 | 45 | 10 | 12 | 42 | | | |

## .NOVEMBER.

| | | | | SOLIS SCOR | LVNAE S G | S G |
|---|---|---|---|---|---|---|
| 1 | d | | Omnium sanctoꝝ | 18 30 | 1 29 | 0 24 |
| 2 | e | 2 nō | Commemoratio animarum | 19 31 | 2 12 | 1 8 |
| 3 | f | 3 nō | | 20 32 | 2 24 | 1 21 |
| 4 | g | 2 nō | | 21 33 | 3 8 | 2 4 |
| 5 | A | Non | | 22 34 | 3 22 | 2 18 |
| 6 | b | 8 id⁹ | Leonardi confeſſoris | 23 35 | 4 5 | 3 0 |
| 7 | c | 7 id⁹ | | 24 36 | 4 18 | 3 13 |
| 8 | d | 6 id⁹ | Quatuor coronatorum | 24 37 | 5 1 | 3 26 |
| 9 | e | 5 id⁹ | | 25 38 | 5 15 | 4 9 |
| 10 | f | 4 id⁹ | Martini papę | 25 39 | 5 25 | 4 22 |
| 11 | g | 3 id⁹ | Martini epiſcopi | 26 40 | 6 11 | 5 5 |
| 12 | A | 2 id⁹ | | 27 41 | 6 24 | 5 19 |
| 13 | b | Idus | Briccii epiſcopi SAGIT | 0 42 | 7 7 | 6 2 |
| 14 | c | 18 kal | Decembris | 1 42 | 7 20 | 6 15 |
| 15 | d | 17 kal | | 2 43 | 8 3 | 6 28 |
| 16 | e | 16 kal | | 3 43 | 8 16 | 7 11 |
| 17 | f | 15 kal | | 4 44 | 9 0 | 7 24 |
| 18 | g | 14 kal | | 5 44 | 9 13 | 8 7 |
| 19 | A | 13 kal | Elizabeth uiduę | 6 45 | 9 26 | 8 20 |
| 20 | b | 12 kal | | 7 45 | 10 9 | 9 3 |
| 21 | c | 11 kal | | 8 46 | 10 22 | 9 16 |
| 22 | d | 10 kal | Cecilię uirginis | 9 46 | 11 6 | 9 29 |
| 23 | e | 9 kal | Clementis papę | 10 47 | 11 19 | 10 12 |
| 24 | f | 8 kal | Chryſogoni martyris | 11 47 | 0 2 | 10 25 |
| 25 | g | 7 kal | Katherinę uirginis | 12 48 | 0 15 | 11 8 |
| 26 | A | 6 kal | Lini papę | 13 49 | 0 28 | 11 21 |
| 27 | b | 5 kal | | 14 0 | 1 11 | 0 5 |
| 28 | c | 4 kal | | 15 1 | 1 24 | 0 18 |
| 29 | d | 3 kal | Vigilia | 17 2 | 2 8 | 1 1 |
| 30 | e | 2 kal | Andreę apoſtoli | 18 2 | 2 21 | 1 15 |

| 1513. | | | | | | | | | | | | | 1896. | | | | | | | | | | | | 1957. | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CON | | | | | | | OPPO | | | | | | CON | | | | | | | OPPO | | | | | CON | | | | | | | OPPO | | | |
| 12 | 19 | 15 | | | | | | | | | | | 28 | VI | 12 | | | | | | | | | | | | | | | | | | 18 | 10 | 1 |
| 11 | 8 | 19 | | | | | | | | | | | 11 | 8 | 55 | | | | | | 19 | | | | | | | | | | | | 6 | | |
| 8 | 02 | 19 | | | | | | | | | | | 22 | V | 14 | | 8 | 2 | 14 | | 19 | | | | | | | | | | | | 5 | | |
| 3 | 1 | 28 | | | | | | | | | | | 28 | VI | V | | 18 | 6 | V | | | | | | | | | | | | | | 11 | 2 | 3 |
| 15 | 8 | 11 | | | | | | | | | | | 55 | 8 | 11 | | 3 | 0 | 28 | | 9 | 16 | 11 | | | | | | | | | | 22 | 02 | V | 3 |
| 8 | | | | | | | | | | | | | 15 | | 9 | | 11 | 8 | 55 | | | | | | | | | | | | | | 12 | 6 | 22 | 18 | 2 |
| 8 | 02 | 19 | | | | | | | | | | | 22 | V | 14 | | 8 | 2 | 14 | | | | | | | | | | | | | | 3 | 2 | 25 | 14 | |
| 5 | | | | | | | | | | | | | 14 | 8 | 12 | | | | V | | | | | | | | | | | | | | 0 | 8 | 11 | 12 | 2 | 5 |
| | | | | | | | | | | | | | 12 | 8 | 22 | | | | V | | | | | | | | | | | | | | 11 | 12 | 2 | 5 |
| 1 | 12 | 16 | | | | | | | | | | | 22 | V | 12 | | | | | | | | | | | | | | | | | | 8 | 10 | 25 | | |
| 1 | 12 | 16 | | | | | | | | | | | 22 | V | 12 | | | | | | | | | | | | | | | | | | 8 | 10 | 25 | | |
| 9 | | | | | | | | | | | | | 2 | 8 | 16 | | 1 | 12 | 16 | | | | | | | | | | | | | | 5 | 13 | 9 | | |
| 10 | 1 | 3 | 5 | 5 | 18 | 32 | 5 | 18 | 1 | 28 | 1 | 5 | 18 | 22 | 5 | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 9 | 10 | 3 | | | | | | | | | | 10 | V | 5 | | | | | | | | | | | | | | | | | | 6 | V | 23 | | |
| 13 | 2 | 16 | 13 | V | 5 | 15 | 12 | 32 | 1 | 28 | 2 | 18 | 1 | 13 | 28 | | | | | | | | | | | | | | | | | | 8 | 8 | 18 | V | 13 | 2 | 35 |
| 13 | | | | | | | 16 | 19 | 12 | | | | 10 | 2 | | | | | | | | | | | | | | | | | | | | | | | | 2 | V |
| 12 | 9 | 16 | 3 | | | | | | | 5 | 15 | 8 | 10 | 23 | 30 | | | | | | | | | | | | | | | | | | 1 | 23 | 1 | 9 | 10 | 35 | V |
| 14 | | | | | | | 10 | 13 | 10 | | | | | | | | | | | | | | | | | | | | | | | | 18 | 19 | 19 | | | | |
| 21 | 3 | 16 | 28 | V | 12 | 18 | | | | 18 | 10 | 28 | | | | | | | | | | | | | | | | | | | | | 18 | 15 | 10 | | | | |
| 18 | | | | | | | V | 10 | 12 | 28 | 15 | 15 | 3 | | | | | | | | | | | | | | | | | | | | V | 10 | 12 | | | | |
| 11 | 6 | 19 | | | | | | | | | | | 15 | V | 2 | | | | | | | | | | | | | | | | | | 15 | 19 | 13 | | | | |
| 12 | 8 | 3 | 11 | 19 | 8 | 22 | 3 | 22 | 8 | 19 | 10 | 02 | | | | | | | | | | | | | | | | | | | | | 19 | 10 | 02 | | | | |
| 22 | | | | | | | 12 | 13 | 38 | | | | 12 | 10 | 33 | | | | | | | | | | | | | | | | | | 8 | 28 | 13 | 8 | 3 | 3 | 12 |
| 32 | 12 | 36 | 32 | 11 | 12 | 28 | | | | 36 | 18 | 8 | | | | | | | | | | | | | | | | | | | | | 8 | 2 | 12 | 1 | 13 | 19 | 32 |
| 32 | 1 | 19 | 16 | 13 | 1 | 18 | 1 | 28 | 3 | 1 | | | | | | | | | | | | | | | | | | | | | | | 28 | 14 | 1 | 12 | 2 | 36 | 32 |
| 8 | V | 6 | 12 | 23 | 6 | 19 | 5 | 11 | 10 | 5 | | | | | | | | | | | | | | | | | | | | | | | 19 | 12 | 16 | | | | 52 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 18 | 13 | | | | 52 |
| 11 | 19 | 11 | | | | | | | | | | | 12 | 10 | 23 | | | | | | | | | | | | | | | | | | 13 | 6 | 19 | | | | 62 |
| 15 | 5 | 2 | | | | | | | | | | | 62 | 13 | 2 | | | | | | | | | | | | | | | | | | 19 | 18 | 8 | | | | 62 |
| 8 | 10 | 5 | | | | | | | | | | | 18 | 19 | 9 | 19 | 1 | 2 | | | | | | | | | | | | | | | 8 | 12 | 9 | 15 | 15 | 2 | 62 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 19 | 10 | | | | |
| 15 | 8 | 18 | 21 | 12 | 18 | 01 | | | | | | | V | 21 | 12 | | | | | | | | | | | | | | | | | | 18 | 8 | 18 | 10 | | | 02 |
| 12 | 23 | 22 | 3 | 16 | 19 | 18 | 23 | 16 | 19 | 18 | 5 | 18 | 2 | 18 | 10 | 28 | 02 | 20 | 8 | 18 | | | | | | | | | | | | | 18 | 8 | 2 | 28 | 19 | 12 | 18 | 01 |

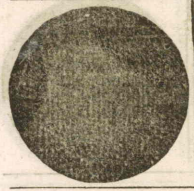
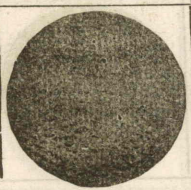
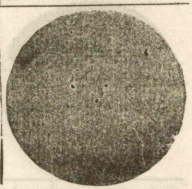
NOVEMBER SOLEIL LUNE

| | | | DECEMBER. | SOLIS SAGITTARIVS | | LVNAE S G | | S G | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | f | | | 19 | 5 | 3 | 2 | 1 | 27 |
| 2 | g | 2 nõ | | 20 | 7 | 3 | 17 | 2 | 10 |
| 3 | A | 3 nõ | | 21 | 8 | 2 | 0 | 2 | 23 |
| 2 | b | 2 nõ | Barbarę uirginis | 22 | 10 | 2 | 12 | 3 | 6 |
| 5 | c | Non | | 23 | 11 | 2 | 27 | 3 | 19 |
| 6 | d | 8 id9 | Nicolai episcopi | 22 | 12 | 5 | 10 | 2 | 2 |
| 7 | e | 7 id9 | Octaua sancti Andreę | 25 | 12 | 5 | 23 | 2 | 15 |
| 8 | f | 6 id9 | Conceptio Marię | 26 | 15 | 6 | 6 | 2 | 28 |
| 9 | g | 5 id9 | | 27 | 17 | 6 | 20 | 5 | 11 |
| 10 | A | 2 id9 | | 28 | 18 | 7 | 3 | 5 | 22 |
| 11 | b | 3 id9 | Damasi papę | 29 | 20 | 7 | 16 | 6 | 7 |
| 12 | c | 2 id9 | CAPRICORNVS | 0 | 21 | 7 | 29 | 6 | 20 |
| 13 | d | Idus | Lucię uirginis | 1 | 23 | 8 | 12 | 7 | 2 |
| 12 | e | 19 kal | Ianuarii Nicasii episcopi | 2 | 22 | 8 | 25 | 7 | 17 |
| 15 | f | 18 kal | | 3 | 27 | 9 | 9 | 8 | 0 |
| 16 | g | 17 kal | | 2 | 28 | 9 | 22 | 8 | 13 |
| 17 | A | 16 kal | Ignacii episcopi | 5 | 29 | 10 | 5 | 8 | 26 |
| 18 | b | 15 kal | | 6 | 30 | 10 | 18 | 9 | 9 |
| 19 | c | 12 kal | | 7 | 32 | 11 | 1 | 9 | 22 |
| 20 | d | 13 kal | Vigilia | 8 | 33 | 11 | 12 | 10 | 5 |
| 21 | e | 12 kal | Thomę apostoli | 9 | 35 | 11 | 28 | 10 | 18 |
| 22 | f | 11 kal | | 10 | 36 | 0 | 11 | 11 | 1 |
| 23 | g | 10 kal | | 11 | 38 | 0 | 22 | 11 | 12 |
| 22 | A | 9 kal | Vigilia | 12 | 39 | 1 | 7 | 11 | 27 |
| 25 | b | 8 kal | Natalis domini | 13 | 20 | 1 | 20 | 0 | 10 |
| 26 | c | 7 kal | Stephani ꝓtomartyris | 12 | 22 | 2 | 2 | 0 | 23 |
| 27 | d | 6 kal | Ioannis euangelistę | 15 | 23 | 2 | 17 | 1 | 6 |
| 28 | e | 5 kal | Innocentum | 16 | 25 | 3 | 0 | 1 | 20 |
| 29 | f | 2 kal | Thomę episcopi | 17 | 26 | 3 | 13 | 2 | 3 |
| 30 | g | 3 kal | | 18 | 27 | 3 | 26 | 2 | 16 |
| 31 | A | 2 kal | Siluestri papę | 19 | 29 | 2 | 9 | 2 | 29 |

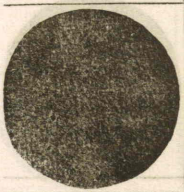
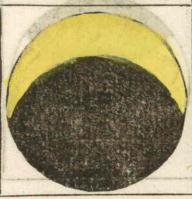
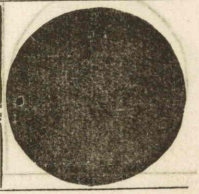
# TABVLA REGIONVM

| | | h | m | g | | | h | m | g |
|---|---|---|---|---|---|---|---|---|---|
| Hybernia | m | 1 | 16 | 19 | Madeburgum | a | 0 | 16 | 12 |
| Scotia | m | 0 | 36 | 19 | Erfordia | a | 0 | 8 | 11 |
| Oxonium | m | 0 | 12 | 13 | Lips | a | 0 | 10 | 11 |
| Compoſtellum | m | 1 | 20 | 21 | Ingelſtadium | a | 0 | 8 | 29 |
| Lyſibona | m | 1 | 20 | 21 | Nuremberga | a | 0 | 0 | 29 |
| Toletum | m | 1 | 28 | 21 | Ratiſbona | a | 0 | 6 | 29 |
| Corduba | m | 1 | 24 | 38 | Vlma | a | 0 | 0 | 28 |
| Cęſarauguſta | m | 1 | 6 | 21 | Praga | a | 0 | 28 | 40 |
| Rhotomagus | m | 0 | 23 | 10 | Vratiſlauia | a | 0 | 20 | 41 |
| Pariſius | m | 0 | 30 | 28 | Cracouia | a | 0 | 16 | 41 |
| Lugdunum | m | 0 | 31 | 24 | Caſchouia | a | 0 | 16 | 40 |
| Burdigala | m | 0 | 12 | 24 | Buda | a | 0 | 40 | 28 |
| Auinio | m | 0 | 32 | 22 | Segnia | a | 0 | 32 | 24 |
| Toloſa | m | 0 | 23 | 23 | Vienna pānonię | a | 0 | 14 | 28 |
| Vienna puicię | m | 0 | 30 | 22 | Patauia | a | 0 | 10 | 28 |
| Maſſilia | m | 0 | 28 | 23 | Saltzeburgum | a | 0 | 12 | 28 |
| Prugis | m | 0 | 36 | 12 | Iudeburgum | a | 0 | 18 | 28 |
| Gandauum | m | 0 | 28 | 12 | Villacum | a | 0 | 13 | 26 |
| Traiectum | m | 0 | 12 | 13 | Brixina | a | 0 | 8 | 24 |
| Colonia agrip | m | 0 | 13 | 11 | Venetię | a | 0 | 10 | 24 |
| Machlinia | m | 0 | 28 | 11 | Ancon | a | 0 | 18 | 22 |
| Maguntia | m | 0 | 14 | 10 | Roma | a | 0 | 20 | 22 |
| Herbipolis | m | 0 | 8 | 10 | Tarentum | a | 0 | 22 | 20 |
| Argentina | m | 0 | 12 | 28 | Brunduſium | a | 0 | 20 | 39 |
| Conſtantia | m | 0 | 10 | 26 | Neapolis | a | 0 | 36 | 21 |
| Auguſta uidelicoꝝ | a | 0 | 10 | 26 | Florentia | a | 0 | 10 | 23 |
| Dacia | a | 0 | 36 | 18 | Mediolanum | a | 0 | 0 | 22 |
| Suetia | a | 0 | 28 | 32 | Taurinum | m | 0 | 2 | 23 |
| Lubeca | a | 0 | 16 | 16 | Genua | m | 0 | 8 | 23 |
| Dantiſcum | a | 0 | 46 | 46 | Sardinia | a | 0 | 2 | 38 |
| Prunſuiga | a | 0 | 0 | 43 | Sicilia | a | 0 | 30 | 34 |

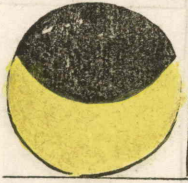
| 1285 | 1285 | 1286 |
|---|---|---|
| Eclipsis Lunę | Eclipsis Lunę | Eclipsis Lunę |
| 22 6 22 | 12 19 9 | 10 8 22 |
| Martii | Septembris | Martii |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 1 28 | 1 25 | 1 25 |

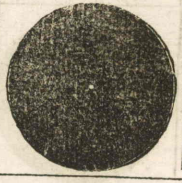




| 1286 | 1288 | 1289 |
|---|---|---|
| Eclipsis Lunę | Eclipsis Solis | Eclipsis Lunę |
| 3 11 20 | 29 1 59 | 3 15 56 |
| Septembris | Iulii | Iulii |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 1 26 | 0 56 | 1 53 |
| | Puncta nouem | |

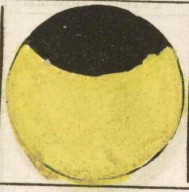




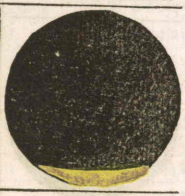
| 1289 | 1289 | 1280 |
|---|---|---|
| Eclipſis Solis | Eclipſis Lunę | Eclipſis Lunę |
| 12 23 28 | 28 12 40 | 21 21 20 |
| Decembris | Decembris | Iunii |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 1 2 | 1 28 | 1 31 |
| Puncta ſeptem | | Puncta octo |



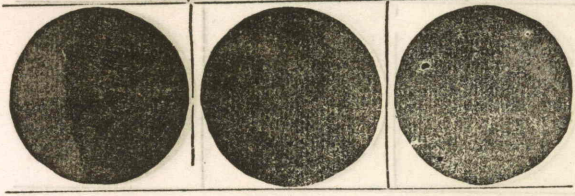


| 1281 | 1282 | 1282 |
|---|---|---|
| Eclipſis Solis | Eclipſis Solis | Eclipſis Lunę |
| 28 σ 23 | 1A A 22 | 26 4 4A |
| Maii | Maii | Octobris |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 0 23 | 0 44 | 1 39 |
| Puncta tria | Puncta quinq; | Puncta undecim |

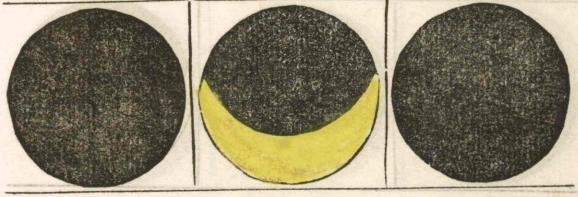




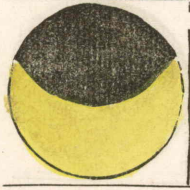
| 1283 | 1283 | 1284 |
|---|---|---|
| Eclipsis Lunę | Eclipsis Lunę | Eclipsis Solis |
| 22 10 31 | 14 12 38 | 16 2 34 |
| Aprilis | Octobris | Martii |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 1 2A | 1 41 | 1 0 |

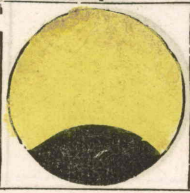


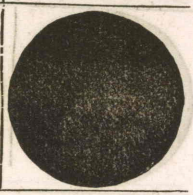
| 1286 | 1286 | 128A |
|---|---|---|
| Eclipsis Lunę | Eclipsis Solis | Eclipsis Lunę |
| 18 4 21 | 4 1A 23 | A 14 27 |
| Februarii | Martii | Februarii |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 1 2A | 1 0 | 1 26 |
| | Puncta nouem | |



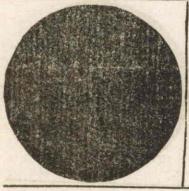
| 1288 | 1288 | 1289 |
|---|---|---|
| Eclipsis Solis | Eclipsis Solis | Eclipsis Lunę |
| 20 2 6 | 8 1♎ 30 | ♎ 1♎ 21 |
| Iulii | Iulii | Decembris |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 0 41 | 0 21 | 1 24 |
| Puncta septem | Puncta quatuor | |

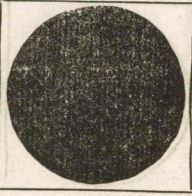


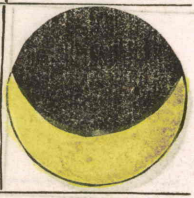




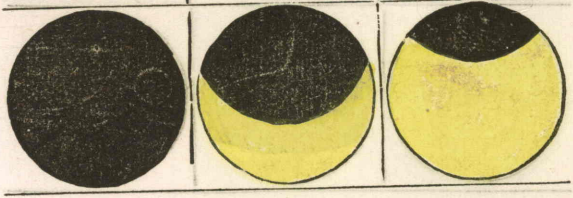
| 1290 | 1290 | 1291 |
|---|---|---|
| Eclipsis Lunę | Eclipsis Lunę | Eclipsis Solis |
| 2 10 6 | 26 18 24 | 8 3 18 |
| Iunii | Nouembris | Maii |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 1 44 | 1 2♎ | 1 4 |
| | | Puncta nouem |



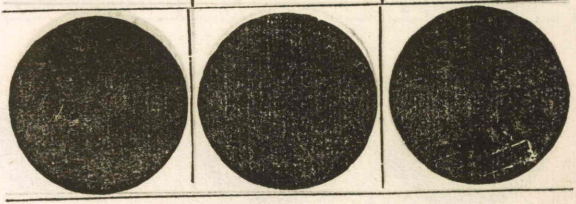




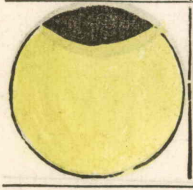
| 1293 | 1293 | 1292 |
|---|---|---|
| Eclipsis Lunę | Eclipsis Solis | Eclipsis Solis |
| 1 13 48 | 10 2 38 | ♌ 2 12 |
| Aprilis | Octobris | Martii |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 1 29 | 1 2 | 0 22 |
| | Puncta octo | Puncta quatuor |

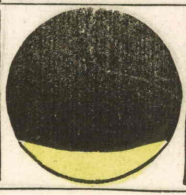


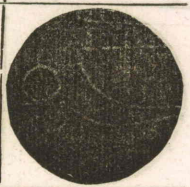
| 1292 | 1292 | 1291 |
|---|---|---|
| Eclipsis Lunę | Eclipsis Lunę | Eclipsis Lunę |
| 21 12 38 | 12 19 24 | 18 ♑ 38 |
| Martii | Septembris | Ianuarii |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 1 26 | 1 28 | 1 26 |



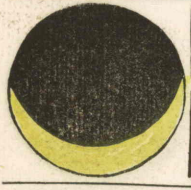
| 1898 | 1900 | 1901 |
|---|---|---|
| Eclipsis Solis | Eclipsis Lunę | Eclipsis Lunę |
| 29 3 2 | 9 18 2 | 2 1♌ 29 |
| Iulii | Nouembris | Maii |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 0 36 | 1 3♌ | 1 92 |
| Puncta tria | Puncta decem | |

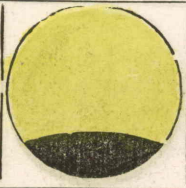


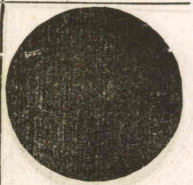




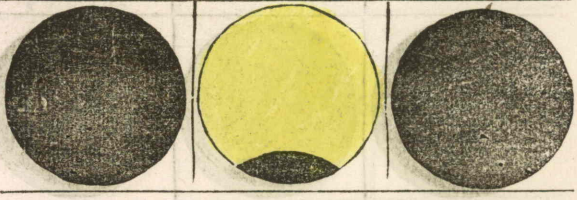
| 1902 | 1902 | 1902 |
|---|---|---|
| Eclipsis Solis | Eclipsis Lunę | Eclipsis Lunę |
| 30 19 24 | 14 12 20 | 29 13 36 |
| Septembris | Octobris | Februarii |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 1 ♌ | 1 1 | 1 28 |
| Puncta decem | Puncta tria | |



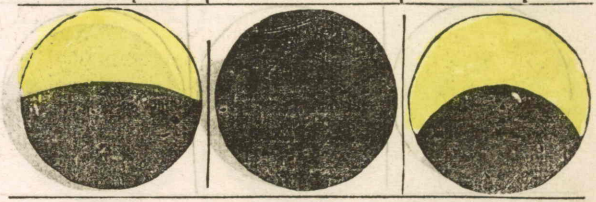


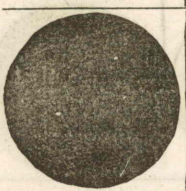
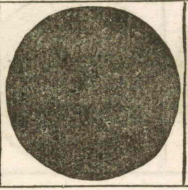
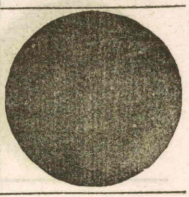


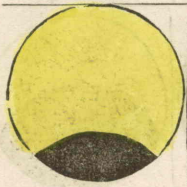
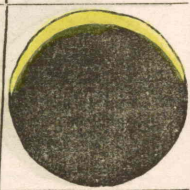
| 1504 | 1505 | 1508 |
| --- | --- | --- |
| Eclipsis Lunę | Eclipsis Solis | Eclipsis Lunę |
| 18 8 18 | 20 3 11 | 12 1Λ 22 |
| Augusti | Iulii | Iunii |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 1 23 | 0 29 | 1 43 |
| | Puncta duo | |



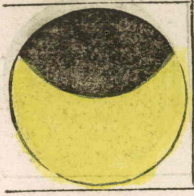
| 1509 | 1511 | 1513 |
| --- | --- | --- |
| Eclipsis Lunę | Eclipsis Lunę | Eclipsis Solis |
| 2 11 11 | 6 11 42 | Λ 1 33 |
| Iunii | Octobris | Martii |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 1 26 | 1 20 | 0 49 |
| Puncta septem | | Puncta septem |

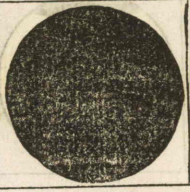


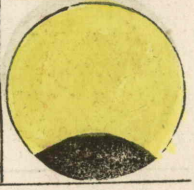
| 1515 | 1516 | 1516 |
|---|---|---|
| Eclipsis Lunę | Eclipsis Lunę | Eclipsis Lunę |
| 29 14 20 | 19 6 0 | 13 11 39 |
| Ianuarii | Ianuarii | Iulii |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 1 ♌ | 1 ♌ | 1 ♌ |
|  |  |  |

| 1516 | 1518 | 1518 |
|---|---|---|
| Eclipsis Solis | Eclipsis Lunę | Eclipsis Solis |
| 23 3 49 | ♌ 11 22 | ♎ 1♎ 49 |
| Decembris | Maii | Iunii |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 0 ♌ | 1 ♌ | 1 6 |
| Puncta tria | Puncta nouem | Puncta undecim |
|  | |  |

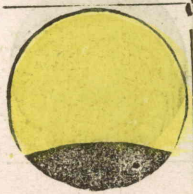
| 1519 | 1519 | 1520 |
|---|---|---|
| Eclipsis Solis | Eclipsis Lunę | Eclipsis Solis |
| 23 ♌ 3♏ | ♉ ♉ 26 | 11 ♑ 26 |
| Octobris | Nouembris | Octobris |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 0 ♑8 | 1 ♑0 | 0 ♌♏ |
| Puncta ſex | | Puncta tria |

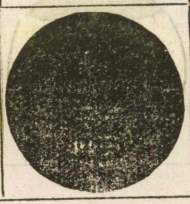


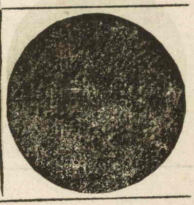




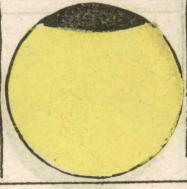
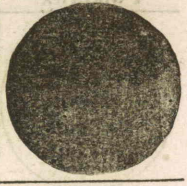
| 1520 | 1522 | 1523 |
|---|---|---|
| Eclipsis Lunę | Eclipsis Lunę | Eclipsis Lunę |
| 24 ♈ 9♏ | ♑ 12 1♏ | 1 ♓ 30 |
| Octobris | Septembris | Martii |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 1 2 | 1 ♌♌ | 1 ♌8 |
| Puncta tria | | |



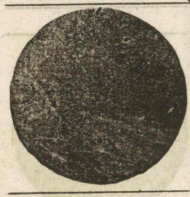
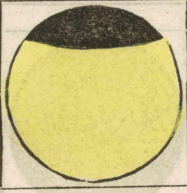
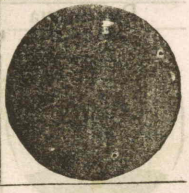


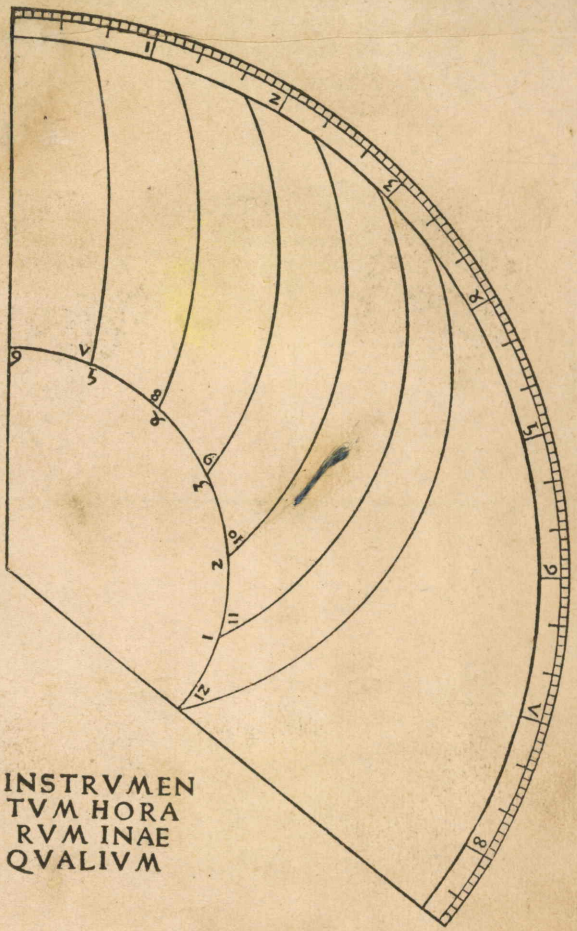


| 1523 | 1524 | 1524 |
|---|---|---|
| Eclipsis Lunę | Eclipsis Lunę | Eclipsis Lune |
| 24 14 16 | 8 10 12 | 29 10 8 |
| Augusti | Iulii | Decembris |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 1 28 | 0 40 | 1 28 |
| | Puncta duo | |

| 1526 | 1528 | 1530 |
|---|---|---|
| Eclipsis Lunę | Eclipsis Lunę | Eclipsis Lunę |
| 18 10 31 | 8 10 48 | 8 12 12 |
| Decembris | Decembris | Octobris |
| Dimidia duratio | Dimidia duratio | Dimidia duratio |
| 1 28 | 0 48 | 1 40 |
| | Puncta tria | |

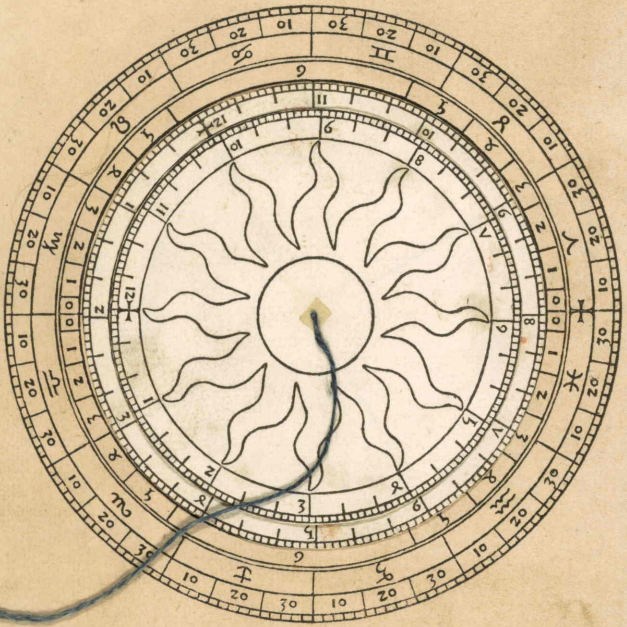







INSTRVMEN
TVM HORA
RVM INAE
QVALIVM

INSTRVMENTVM VERI
MOTVS LVNAE.

.MINVE.



.ADDE.

AVreũ numerum cuiuſuis anni ſic ĩuenies 1281
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anno Chriſti domini. quẽ numeꝝ ſi offen/ 1313
des ĩ tabella hic appoſita: aureus numerꝰ ẽ 1332
13. ſi non: numero proximo minori illic 1351
expſſo da 13: ſequenti 12: et iterum ſuccedenti 11. ſic ꝙ 1380
deinceps donec pduceris ad numeꝝ anni propoſiti. hoc eſt: ſin/
gulis annis ſingulos aureos numeros accõmoda incipiendo ab
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meri ſubſcripta. nã ubi ãnꝰ tuꝰ ſedẽ ĩueniet: illic habebis aureũ
numeꝝ quęſitum. Sub quo etiam continuo clauis feſtorũ mobi
lium cõmunis apparebit.

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13 | 12 | 11 | 10 | 1A | 18 | 19 | 1 | 2 | 3 | 4 | 5 | 6 | A | 8 | 9 | 10 | 11 | 12 |
| 12 | 33 | 22 | 11 | 30 | 19 | 38 | 26 | 14 | 34 | 23 | 12 | 31 | 20 | 39 | 28 | 1A | 36 | 24 |

## DE CYCLO SOLARI ET LITTERA DOMINICALI.

NVmerus cycli ſolaris ſimili computo deprehendit/
ꝑ ſuã tabellã hic poſitã. Nam ſi numerꝰ ãni 1281
ꝓpoſiti ſcriptus eſt in ea tabella: cycli ſola/ 1303
ris numerus eſt 28. Si non eſt illic expſſus: 1331
da proximo mĩori ibidẽ ſcripto 28: ſequẽti 1349
1: ac rurſus ſuccedenti 2. ſic ꝙ deinceps quẽadmodũ de 1368
aureo numero prȩcipiebatur: donec ad annum ꝓpoſitũ 1615
ꝓuenies. nam ubi talis annorũ ſupputatio deſinet: illic in ſerie
cycli ſolaris ſubſcripta numerũ cycli ſolaris quęſitũ agnoſces.
Sub eo autem numero cycli ſolaris cõtinuo habebis litterã do/
minicalem anni tui. quę ſi unica occurrat: annum eſſe conmu/
nem intelliges. ſi duplex: biſſextilem. Prior id eſt ſuperior
ad feſtum uſq; Matthię apoſtoli utilis erit. Inferior autẽ ad re/
liquam anni partem accõmodabitur.

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | 1 | 2 | 3 | 8 | 4 | 6 | A | 8 | 9 | 10 | 11 | 12 | 13 |
| A | g | e | d | c | b | g | f | e | d | b | A | g | f |
| | f | | | | A | | | | c | | | | e |
| 18 | 14 | 16 | 1A | 18 | 19 | 20 | 21 | 22 | 23 | 28 | 24 | 26 | 2A |
| d | c | b | A | f | e | d | c | A | g | f | e | c | b |
| | | | g | | | | b | | | | d | | |

## DE INDITIONE.

Porro ut breuiter res uulgatas percurramus haud diffi/ 18A4
militer colligetur numerus cycli inditionalis aſſumpta p̄ / 1890
ſenti tabella annorum Chriſti domini: quorū unuſquiſq; 1404
habet 8: id eſt: cycli inditionalis octauus eſt. cęteri autē 1420
anni in tabella non apparentes ſecundum ĩditionis ſeriē 1434
hic ſubiunctam diſtributi ſuos quiq; numeros inuenient.

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8 | 9 | 10 | 11 | 12 | 13 | 18 | 14 | 1 | 2 | 3 | 8 | 4 | 6 | A |

## DE INTERVALLO ET FESTIS MOBILIBVS.

INteruallum carniſpriuiale feſta q; mobilia quoli/ bet anno ſic facile dignoſces. Animaduerte aureū numerum anni propoſiti in primo ordine tabulę feſtorum mobilium. ſub quo ĩ ſequenti ordine ui/ delicet litterarum dominicalium accipe litterā do/ minicalem anni tui proximo occurrentem. quę erit index omni um per hanc tabulam promiſſorum. Nam in uerſu qui ab ea lit/ tera dominicali dextrorſum porrigitur primo uidebis inter/ uallum: id eſt tempus a natali ſaluatoris noſtri ad dominicam qua cantatur Eſto mihi. deinde diem ſeptuageſimę & cętera quę cunq; fronti tabulę inſcripta ſunt. Sed interuallum duos habet ordines quorum prior docet hebdomadas ĩtegras. poſterior au tem concurrentes ſi qui anno quopiam fuerint: id eſt dies ſep/ tenario pauciores qui ſeptimanis integris adnumerantur. quos quidem accedere oportet quotiens natalis Chriſti domini prę ter diem dominicam agitur. Itaq; interuallum carniſpriuiale ſemp

Itaq; interuallum carnispriuiale semp duorum annorum pars est: appellationē sumēs a posteriori: qnī ī eo finem habet: q̄uis cōcurrentes sint anni prioris: dies scilicet a natali ad dominicā proximo sequētē quando natalis ipse alia q̄ dominica die pagit̄. Quāobrē recte pręcipit̄ ī āno bissextili quom duplex sit lrā dominicalis hebdomadas quidē integras p posteriorem: concurrentes uero p priorem quęri debere. Nec temere iussimus sub aureo numero lrām dominicalē in suo ordine accipi. Nam si ali quando lrā dominicalis e directo aurei numeri appareat: ea nō erit conueniens nuncia festorū mobilium. sed ad sequentē ꝓximo descendendū est. Sic enī: quod patribus placuit: nūq̄ pascalis celebritas cum hebraica coincidet obstinatione: modo pascalis computꝰ rite tractetur. Est & alia uia inueniendi quīq; festa mobilia quoꝝ claues in kalendario positę sunt ad hunc modum Quot sunt unitates in claue festorum mobilium cōmuni superius per aureum numerum inuenta: tot dies computa in kalendario a loco clauis cuiuscunq; festi mobilis. postremus enim dies uocatur terminus festi quęsiti. ipsum autem festum peragi solet dominica die quę proximo succedit.

Verum ī anno bissextili cautelis q̄busdā opus ē. Tunc enim nō solum cōcurrētes sed et septuagesima ac quadragesima p priorē litteram dominicalē accipi debent. reliqua uero omīa per posteriorē. Attamē quadragesima retrahēda erit p diem unū si iuxta hanc cautelā ad uigesimamquartā diem Februarii aut post eam peruenerit. Q; si per clauem libeat inuestigare memorata festa: claui ipsi addenda est unitas quotiens in āno bissextili septuagesima aut quadragesima quęrit̄. retracta item quadragesima per unū diē si ī uigesimaquarta Februarii aut post eā īuēta fuerit.

## SEQVITVR TABVLA FESTORVM MOBILIVM.

# TABVLA FESTO

| 19 Aureus numerus. | Littera dominicalis. | Interuallū ad Esto mihi. | Concurrentes. | Ianu Septuagesima. | Febr Quadragesima. | Mar Pasca. | Apri Rogationes. | Maii Pentecoste. | Maii Corporis Christi. | Hebdomadę a pent ad Io. bap. | Dies superflui. | Hebdo. a pēte. ad aduētū dnī | No Aduentus domini. | Hebdo. ab aduētu ad natalē do | Dies superflui: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | d | 4 | 3 | 18 | 8 | 22 | 26 | 10 | 21 | 6 | 3 | 29 | 29 | 3 | 4 |
| | e | 4 | 8 | 19 | 9 | 23 | 27 | 11 | 22 | 6 | 2 | 29 | 30 | 3 | 8 |
| 13 | f | 4 | 4 | 20 | 10 | 28 | 28 | 12 | 23 | 6 | 1 | 29 | De 1 | 3 | 3 |
| 2 | g | 4 | 6 | 21 | 11 | 24 | 29 | 13 | 28 | 6 | 0 | 29 | 2 | 3 | 2 |
| | A | 6 | 0 | 22 | 12 | 26 | 30 | 18 | 24 | 4 | 6 | 29 | 3 | 3 | 1 |
| 10 | b | 6 | 1 | 23 | 13 | 27 | Aprī 1 | 14 | 26 | 4 | 4 | 28 | no 27 | 8 | 0 |
| | c | 6 | 2 | 28 | 18 | 28 | 2 | 16 | 27 | 4 | 8 | 28 | 28 | 3 | 6 |
| 18 | d | 6 | 3 | 24 | 14 | 29 | 3 | 17 | 28 | 4 | 3 | 28 | 29 | 3 | 4 |
| 7 | e | 6 | 8 | 26 | 16 | 30 | 8 | 18 | 29 | 4 | 2 | 28 | 30 | 3 | 8 |
| | f | 6 | 4 | 27 | 17 | 31 | 4 | 19 | 30 | 4 | 1 | 28 | De 1 | 3 | 3 |
| 15 | g | 6 | 6 | 28 | 18 | Aprī 1 | 6 | 20 | 31 | 4 | 0 | 28 | 2 | 3 | 2 |
| 8 | A | 7 | 0 | 29 | 19 | 2 | 7 | 21 | Iunī 1 | 8 | 6 | 28 | 3 | 3 | 1 |
| | b | 7 | 1 | 30 | 20 | 3 | 8 | 22 | 2 | 8 | 4 | 27 | no 27 | 8 | 0 |
| 12 | c | 7 | 2 | 31 | 21 | 8 | 9 | 23 | 3 | 8 | 8 | 27 | 28 | 3 | 6 |
| 1 | d | 7 | 3 | De 1 | 22 | 4 | 10 | 28 | 8 | 8 | 3 | 27 | 29 | 3 | 4 |
| | e | 7 | 8 | 2 | 23 | 6 | 11 | 24 | 4 | 8 | 2 | 27 | 30 | 3 | 8 |
| 9 | f | 7 | 4 | 3 | 28 | 7 | 12 | 26 | 6 | 8 | 1 | 27 | De 1 | 3 | 3 |
| | g | 7 | 6 | 8 | 24 | 8 | 13 | 27 | 7 | 8 | 0 | 27 | 2 | 3 | 2 |

| Aureus numerus. | Littera dominicalis. | Interuallū ad Esto mihi. | Concurrentes. | Febr Septuagesima. | Febr Quadragesima. | Apri Pasca. | Maii Rogationes. | Maii Pentecoste. | Iunii Corporis Christi. | Hebdomadę a pent ad Io. bap. | Dies superflui. | Hebdo. a pēte. ad aduētū dnī | Aduentus domini. | Hebdo. ab aduētu ad natalē do | Dies superflui: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | A | 8 | 0 | 5 | 26 | 9 | 18 | 28 | 8 | 3 | 6 | 26 | 3 | 3 | 1 |
| 6 | b | 8 | 1 | 6 | 27 | 10 | 19 | 29 | 9 | 3 | 5 | 26 | 27 | 2 | 0 |
| | c | 8 | 2 | 7 | 28 | 11 | 20 | 30 | 10 | 3 | 4 | 26 | 28 | 3 | 6 |
| 18 | d | 8 | 3 | 8 | 1 | 12 | 21 | 31 | 11 | 3 | 3 | 26 | 29 | 3 | 5 |
| 3 | e | 8 | 4 | 9 | 2 | 13 | 22 | 1 | 12 | 3 | 2 | 26 | 30 | 3 | 4 |
| | f | 8 | 5 | 10 | 3 | 14 | 23 | 2 | 13 | 3 | 1 | 26 | 1 | 3 | 3 |
| 11 | g | 8 | 6 | 11 | 4 | 15 | 24 | 3 | 14 | 3 | 0 | 26 | 2 | 3 | 2 |
| | A | 9 | 0 | 12 | 5 | 16 | 25 | 4 | 15 | 2 | 6 | 26 | 3 | 3 | 1 |
| 19 | b | 9 | 1 | 13 | 6 | 17 | 26 | 5 | 16 | 2 | 5 | 25 | 27 | 2 | 0 |
| 8 | c | 9 | 2 | 14 | 7 | 18 | 27 | 6 | 17 | 2 | 4 | 25 | 28 | 3 | 6 |
| | d | 9 | 3 | 15 | 8 | 19 | 28 | 7 | 18 | 2 | 3 | 25 | 29 | 3 | 5 |
| | e | 9 | 4 | 16 | 9 | 20 | 29 | 8 | 19 | 2 | 2 | 25 | 30 | 3 | 4 |
| | f | 9 | 5 | 17 | 10 | 21 | 30 | 9 | 20 | 2 | 1 | 25 | 1 | 3 | 3 |
| | g | 9 | 6 | 18 | 11 | 22 | 27 | 10 | 21 | 2 | 0 | 25 | 2 | 3 | 2 |
| | A | 10 | 0 | 19 | 12 | 23 | 28 | 11 | 22 | 1 | 6 | 25 | 3 | 3 | 1 |
| | b | 10 | 1 | 20 | 13 | 24 | 29 | 12 | 23 | 1 | 5 | 24 | 27 | 2 | 0 |
| | c | 10 | 2 | 21 | 14 | 25 | 30 | 13 | 24 | 1 | 4 | 24 | 28 | 3 | 6 |

## DE CONIVNCTIONIBVS AC OPPOSITIONIBVS LVMINARIVM

Coniūctiones atq; oppositiones luminarium uerę haud difficulter deprehendentur prę ambulis quibusdam prius expositis. Vnusquisq; igitur duodecim mēsium anni duas habet partes aut facies: quarū dextra quidem ad kalēdariū attinet. Eius primus ordo habet numerum dierum mensis cuiuslibet qui .31. nulq̄ supat. Sequens ordo septenis constat litteris: quarū quęlibet ad certam septimanę diem refertur. et quę ad dominicam spectat diem littera dominicalis uulgo nūcupat. Succedunt itē triplices numeri nonarum: iduum atq; kalendarum. Cuiuslibet nempe mensis dies trifariam distinguūtur in kalendas uidelicet nonas et idus ita ut primi singulorum mensium dies kalendę nūcupētur: sequentibus quaternis aut senis quādoq; diebus qui dicuntur nonę. item octonis in quolibet mēse idibus. dies autē reliqui omēs kalēdę numeratę uocāt: numeris tā eaq̄ prę cedentium appellationū cōtinue decrescētib⁹. Quis autē kalendę initiales nonę itē atq; id⁹a mēse ī quo scribūt denominationē sumāt: kalendę tamē numeratę ad sequētē referūt mēsem. quāobrē & iuxta supmā eaq̄ nomē mēsis succedentis adnotat. Deinde occurrūt noīa sanctoq̄ quorūdā quibus dies mēsiū dicati sunt. Postremo loco sunt tres columnulę numeroq̄ binis distinctę lineis. quaq̄ ṕma ē Solis ueluti iscriptio admonet. cuius priores quidē numeri grad⁹ ītegros ueri mot⁹ Solis: posteriores autem minutias graduū cōtinēt. Sunt q; gradus illi atq; minutię eius signi quod ꝓxime sup scribit. Reliq̄s duas colū nulas luna sibi uendicat. q̄q̄ utraq; duplices habet nūeros: porib⁹ qdē signa: posteriorib⁹ autē grad⁹ significātib⁹. Sinistra deniq; facies post nūeq̄ dierū atramēto scriptū sex habet colūnas quīq; uacuis ītstitiis sepatas. q̄q̄ unaquęq; triplici nūeroq̄ cōstat ordine nō qdē cōtinue ubiq; sed saltim non nūq̄ succedētiū.

Primus ordo habet aureum numeꝝ rubro ſcriptum. ſecundus horas: tertiꝰ minuta horarum complectit. Hꝫ columnꝫ tribus cyclis decēnoualibus accommodantur: quoꝝ uidelicet quis de/cēnouē ānos cōtinet. Primꝰ initiū ſumit ab ān̄o Chriſti dn̄i 1895 ſecūdꝰ ab ān̄o 1892 et tertiꝰ ān̄o 1913. quos etiā ānos numeri ſui ſup̄ binas colūnas poſiti repreſentāt. Horū autē cycloꝝ cuilibet duꝫ ex prędictis ſex columnis adaptant. Prior cuiuſlibet cycli columna coniūctionibus: poſterior autem oppoſitionibus lu/minarium ueris inſeruit ueluti inſcriptiones quę ſunt in capi/tibus columnarum admonent. Quando itaqꝫ libet ſcire tēpus coniūctionis uerꝫ luminarium mēſe quopiā uſuali quęre aure um numerū anni propoſiti in columna coniunctionū cycli cur rentis (currentem uocamus in quo annus propoſitus contine/tur) et e directo ipſius a dextris quidem uidebis horas et mi nu/tias ſi quę ſint: a ſiniſtris autem in extremo ordine numeꝝ diei a cuius meridie cōputari debent horę cū minutiis priꝰ acceptę: quibus exactis fit talis coniunctio. Qꝫ ſi uelis diem huiuſmodi inſigni q̄dam appellatione pronūciare quęre numerū eius ī pri mo ordine kalendarii. iuxta enī apparebit quota ſit ſeptimanę dies aut cui celebritati dicata uicina ue ſit. Nō aliꝫ inuenies tēpꝰ oppoſitionis uerꝫ ſi aureum numerū in columna oppoſitionū anīaduertas. Sed hęc quidem ſimpliciter accipienda ſunt ſicuti monuimꝰ ſi a minutis non prominet gnomūculus aliquis: id ē ſignū quoddā huiꝰmodi ⌋ ⌐. ſiue ſurſum uergat ſiue deorſum. Nam ſi tale ſignum apparuerit in interſtitio columnarum: ho/rę dudum acceptę ad alium diem trabuntur eum ſcilicet iuxta quem deſinit huiꝰcemodi gnomūculus. Verbigratia coniūctio quę in tertio cyclo notatur iuxta uigeſimā ſecundā Ianuarii diē ad uigeſimā primā eiuſdem attinet. hoc ē: horę 15 cū minutis 18 non a meridie uigeſimę ſecundę diei quam indicat aureus nu/merus 18: ſed a meridie uigeſimę primę ſunt numerādę: quo niam: gnomunculus ſurſum porrectus illic deſinit. Sic oppo/

sitio secundi cycli quę iuxta nonam diem Septembris scribitur ad octauam retorquetur. et quę iuxta octauā ponitur ad septimam reduci debet. Pari ratione oppositio tertii cycli quę contra 23 diem Nouembris statuit ad 24 eiusdem spectat gnomūculo illic ad tertiū descendente uersum. Item coniunctio primi cycli iuxta tertiam Decembris diē apparens ad secundam eiusdem: & quę secundę diei adscribitur ad primam attinet gnomūculis illic duobus quemadmodum in Septembri cohęrentibus. Sic autem numeros quosdam alienis sistere sedib? ratio opificii cogebat. Verum omnem banc supputationē horarum cū miuntiis suis ad meridianum oppidi nurembergensis referri uoluimus ꝙ locus ille dignus uidebatur quē nouo litterarum genere celebraremus. Hoc etiam accedente ꝙ in ea habtatione nostra prędens opusculum condidimus. Nec tamen idcirco alios quosuis locos usu kalendarii nostri fraudauim?: sed ipsum quasi mun? commune toti ferme Europę imptiuimus subiūcta regionū tabula quę docet quantum quis alius locus numeris scriptis addere debeat aut detrabere. Nanq; in ea post ordinem ꝓuinciarū ac ciuitatū insignioꝝ ad sinistrā eūti mox alterutra litterarum m et a occurrit. m. quidē significans ꝙ numer? sequens minui debet a tēpore per aureum numerū supius accepto. a. uero ꝙ talis numer? addi debet siue habeat horam aliquam cum minutis: siue tantūmodo minuta. prior enim ordo columnulę lrās m et a sequentis horariam habet inscriptionem. posterior autē minutias exhibet. Facta igitur additione aut minutione prout nota occurrens admonet: habebitur tempus coniūctionis aut oppositionis uerę ad locum propositum ac si omnis supputatio ad meridianum eiusdem loci directa foret. Scribere autem omnia loca quę nostra tempestate habitantur immēsum erat. quo circa paucas insigniores habitationes exarauimus. quę uero in uicinia singulaꝝ iacent ad scriptas tanquā primarias reducēt: pauxillo quopiā īcuallo nullā differētiā notatu dignā īportāte.

Porro ut simul uniuersū huiꝰ tabulę tenorē interptemur: postremus ordo simplex ostendit quot gradibus polus mūdi aquilonius supra horizontē cuiusuis loci adnotati extollitur. Is autem numerus quemadmodum usuueniat inferius aperietur.

## DE ECLIPSIBVS LVMINARIVM.

Eclipsis Solis aut Lunę omī eo anno futura ē cuiꝰ numerus a primo anno Christi domī cęptus in capite cuiuspiam columnę eclipsalis apparet. Tempus autē eclipsis numero succedenti deprehendit tribus constante particulis sepatim scriptis: quaꝝ ꝓma diē mēsis qui mox etiā subiūgit ostēdit: secūda horas: tertia minutias: quibꝰ a meridie talis diei computatis mediū eclipsis euenit. Sequit dimidia duratio quę duplici plerūqꝫ constat nūero horę uidelicet unī ac minutoꝝ. nōnūquā uero minutis dū taxat contenta est. Vocamꝰ autē dimidiā durationē id tempꝰ quod ē ab initio eclipsis usqꝫ ad mediū eius: aut ab eo medio usqꝫ ad finē. Quapropt si talis dimidia duratio a medio eclipsis demat: restabit initiū eclipsis. eadēqꝫ ad mediū eclipsis apposita finē eclipsis cōmōstrabit. Postremo si qua eclipsis pticularis fuerit pūcta eius adnotat: id ē quot duodecimę ex diametro lumīaris deficiētis occultabūt. Quę res etiā figuratiōe haud īcōmoda repsentat. Nā quāta ps circuli lumīare significātis atrameto tincta ē: tātā ex supficie ipsiꝰ lumīarisꝰ nobisꝰ obuersa defecturā esse pnūciabis: situ etiā deficiētis ptis īnotescēte. Inferior quippe lumīaris ps deficiet si īferior ps circuli nigella sit. supior autē si supior circuli porcio atra fuerit. Eclipsim uero uniuersalē circulꝰ ōnino niger significat. Sed huc q̄qꝫ spectat tabula regionū si aliubi q̄ī oppido nurembergensi degas. quātum enim supius addidisti tempori cōiunctionis uel oppositionis uerę aut ab eo detraxisti tantum hic quoqꝫ ad mediū eclipsis adde aut ex eo minue, put nota. a. uel. m. ī tabula regionū apparens admonet.

## DE LOCO SOLIS VERO.

VErum Solis locum hoc pacto cognoſces. Intra tabulam ſolis ſubſcriptam cum numero anni propoſiti. & quod iuxta eum apparebit adde ei numero qui ſcribitur in columnula Solis ad diem propoſitã: priorem uidelicet numerum priori et poſteriorẽ qui eſt minutorum poſteriori. At ſi ſumma minutorũ ultra 60 euaſerit: pro 60 ablatis adde gradum unum: reliquis in loco ſuo dimiſſis. Verum in anno communi poſt diem ſancti Matthię apoſtoli uſq; ad finem anni facta additione huiuſcemodi demenduſeſt gradus unus. quod enim relinquet oſtendet uerum locum ſolis in gradibus & minutis ad meridiem diei propoſitę. Quantum autem addi uel minui oporteat propter meridianoꝝ differẽtiã q̃niã illud pexiguũ eſt conſulto prętermimus.

## TABVLA SOLIS.

| anni | g | m | anni | g | m | anni | g | m | anni | g | m |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1285 | 0 | 16 | 1290 | 0 | 38 | 1305 | 1 | 0 | 1320 | 0 | 21 |
| 1286 | 0 | 2 | 1291 | 0 | 23 | 1306 | 0 | 45 | 1321 | 1 | 5 |
| 1287 | 0 | 28 | 1292 | 0 | 9 | 1307 | 0 | 30 | 1322 | 0 | 52 |
| 1288 | 0 | 33 | 1293 | 0 | 54 | 1308 | 0 | 16 | 1323 | 0 | 37 |
| 1289 | 0 | 18 | 1294 | 0 | 40 | 1309 | 1 | 2 | 1324 | 0 | 23 |
| 1280 | 0 | 3 | 1295 | 0 | 25 | 1310 | 0 | 48 | 1325 | 1 | 9 |
| 1281 | 0 | 49 | 1296 | 0 | 11 | 1311 | 0 | 32 | 1326 | 0 | 58 |
| 1282 | 0 | 32 | 1297 | 0 | 56 | 1312 | 0 | 18 | 1327 | 0 | 39 |
| 1283 | 0 | 19 | 1298 | 0 | 42 | 1313 | 1 | 8 | 1328 | 0 | 25 |
| 1284 | 0 | 4 | 1299 | 0 | 27 | 1314 | 0 | 49 | 1329 | 1 | 11 |
| 1285 | 0 | 51 | 1300 | 0 | 12 | 1315 | 0 | 32 | 1330 | 0 | 56 |
| 1286 | 0 | 36 | 1301 | 0 | 58 | 1316 | 0 | 20 | 1331 | 0 | 41 |
| 1287 | 0 | 21 | 1302 | 0 | 43 | 1317 | 1 | 6 | 1332 | 0 | 27 |
| 1288 | 0 | 5 | 1303 | 0 | 28 | 1318 | 0 | 51 | 1333 | 1 | 13 |
| 1289 | 0 | 53 | 1304 | 0 | 14 | 1319 | 0 | 36 | 1334 | 0 | 58 |

Locus lunę uerus facile deprehendet̃ si pri⁹ instrumẽti lunaris ptes dignoscẽtur. Est itaq; in eo instrumento zodiacus duodecim signo⁹ suis characteribus distinct⁹. Signa trigenos habẽt gradus. hic autẽ urgente loci ãgustia unũquodq; spaciolũ dubos repręsentat grad⁹: Intra zodiacũ ẽ ęq̃tor Lunę numeros ab uno ad sex ultra citro q; gestãs. Adsunt etiã duę rotulę mobiles duobus numeris lunaribus in kalẽdario positis respondentes: duob⁹ q; qui ĩ tabula radicũ lunę iuxta numeros anno⁹ scribũtur. quo⁹ prior signa: posterior autẽ gradus repręsentat. His cognitis statuẽdę sũt radices lunę ut semel iuẽtę per totũ quẽuis annũ in promptu sint. Intra itaq; tabulã radicũ lunę cũ numero anni ꝓpositi: et numer⁹ lunę priorem qui signis & gradibus cõstat computa in zodiaco ab ariete ubi crux ẽ incipiendo: ita ut aries habeat 1: taurus 2: gemi 3. et sic deinceps. ubi autẽ numer⁹ ille desinet pone filũ instrumẽti: rotulã q; maiorẽ uolue donec caput eius: id ẽ crux sub filo iaceat. & ita manẽtem rotulã fige ĩtrinsec⁹ cũ cera. talis enĩ erit sit⁹ eius p totũ annũ. Si milit̃ posteriori nũero secũdũ signa zodiaci cõputato: filo q; ad finem talis numeri traducto uolue rotulã minorem donec caput eiu⁹ filo occultet̃: in eo q; situ fige rotulã ut p totũ annum illic maneat. Quotiens itaq; locũ lunę ĩ zodiaco scire cupis numer⁹ lunę priorẽ qui ĩ kalẽdario ad diẽ ꝓpositam scriptus ẽ computa a capite maioris rotulę: ad finẽ q; eius pone filũ instrumẽti. mox enĩ sub ipso filo habebit̃ ĩ zodiaco loc⁹ lunę medi⁹. Vnde et uerus continuo emerget si numerum lunę posteriorẽ ĩ kalendario positum computaueris a capite minoris rotulę. nam sub filo ad exitũ talis numeri translato in ęq̃tore lunę offerent̃ grad⁹ addẽdi ad mediũ lunę locũ supra iuẽtũ si ĩ inferiori semicirculo ęq̃toris accipiãt̃. aut minuẽdi ab eodẽ si ĩ supiori. Semicirculos autẽ noto eos qui iuxta arietẽ ac librã ĩcipiũt desinũt q;.

Verum in anno bissextili a festo sancti Matthię apostoli usq; ad exitū anni utriq; numero lunari gradus· 13. supaddi oportebit

## TABVLA RADICVM LVNAE.

| anni | s | g | s | g | anni | s | g | s | g | anni | s | g | s | g | anni | s | g | s | g |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1285 | 6 | 23 | 2 | 1 | 1289 | 0 | 1 | 0 | 3 | 1293 | 10 | 20 | 10 | 6 | 1297 | 4 | 20 | 6 | 23 |
| 1286 | 11 | 2 | 8 | 29 | 1291 | 5 | 16 | 3 | 2 | 1295 | 4 | 29 | 4 | 5 | 1298 | 9 | 13 | 11 | 8 |
| 1287 | 3 | 24 | 8 | 11 | 1292 | 9 | 24 | 6 | 1 | 1296 | 8 | 9 | 8 | 8 | 1299 | 10 | 22 | 2 | 7 |
| 1288 | 8 | 8 | 11 | 10 | 1293 | 2 | 18 | 9 | 13 | 1300 | 8 | 18 | 8 | 3 | 1323 | 3 | 2 | 5 | 6 |
| 1289 | 0 | 18 | 2 | 9 | 1298 | 6 | 24 | 0 | 11 | 1309 | 4 | 11 | 10 | 18 | 1328 | 8 | 11 | 8 | 8 |
| 1280 | 8 | 23 | 5 | 7 | 1295 | 11 | 8 | 3 | 10 | 1310 | 5 | 20 | 1 | 13 | 1325 | 0 | 8 | 11 | 16 |
| 1281 | 9 | 16 | 8 | 19 | 1296 | 3 | 16 | 6 | 9 | 1311 | 10 | 0 | 8 | 12 | 1326 | 8 | 13 | 2 | 15 |
| 1282 | 1 | 25 | 11 | 18 | 1297 | 8 | 9 | 9 | 12 | 1312 | 2 | 9 | 8 | 11 | 1327 | 8 | 22 | 5 | 18 |
| 1283 | 6 | 8 | 2 | 16 | 1298 | 0 | 18 | 0 | 19 | 1313 | 8 | 1 | 10 | 22 | 1328 | 1 | 2 | 8 | 12 |
| 1284 | 10 | 18 | 5 | 15 | 1299 | 8 | 24 | 3 | 18 | 1318 | 11 | 11 | 1 | 21 | 1329 | 5 | 28 | 11 | 28 |
| 1285 | 3 | 6 | 8 | 24 | 1300 | 9 | 8 | 6 | 17 | 1315 | 3 | 20 | 8 | 20 | 1330 | 10 | 8 | 2 | 23 |
| 1286 | 8 | 16 | 11 | 26 | 1301 | 1 | 29 | 9 | 29 | 1316 | 8 | 0 | 8 | 18 | 1331 | 2 | 13 | 5 | 22 |
| 1287 | 11 | 25 | 2 | 28 | 1302 | 6 | 9 | 0 | 22 | 1317 | 0 | 11 | 0 | 22 | 1332 | 6 | 22 | 8 | 20 |
| 1288 | 2 | 5 | 5 | 23 | 1303 | 10 | 18 | 3 | 26 | 1318 | 5 | 2 | 1 | 29 | 1333 | 11 | 15 | 0 | 2 |
| 1289 | 7 | 28 | 7 | 5 | 1302 | 2 | 28 | 6 | 25 | 1319 | 9 | 11 | 8 | 28 | 1332 | 3 | 28 | 3 | 1 |

Quoniam autem nonnulli quęritant tempora incisioni uenæ apta: habet q; luna plurimū potestatis in ea re aliis atq; aliis recepta signis: nō absentaneū uidetur hic attexere generales q̄sdā signorum proprietates: quibus q; partibus humani corporis singula accomodari soleant: ut q̄uis breui ac crasso quodā argumēto signa apta inepta q; internoscantur. pleniorem nanq; huiꝰ rei tractatum alibi reddemus. Igitur. ARIES ut phibent auctores calidus et siccus est atq; igneus: caput hominis totū sibi uendicans. aptus incisioni uenę. TAVRVS frigidus: siccus terreus q; ad collum spectat: inept⁹ sanguini fundendo. GEMINI calidi: humidi: & aerei humeros: brachia: manus q; tutāt: inutiles uenis aperiendis. CANCER: frigidus: humidus: aqueus pectori: stomacho pulmoni q; accommodatur: uarius in minutione sanguinis. LEONEM calidum & siccum igneum q; esse phibent: dorsum ac latera respicientem: periculosum sanguini emittendo. VIRGINIS signum frigidum: siccum terreum q; ad uentrē ac intestina spectat indifferens uenę secādę. LIBRA calida: humida: aerea umbilicū: lumbos inferiora q; uētris sortitur: utilis sanguini minuendo. SCORPIO frigidus: humidus aquaticus q; pudenda gubernat: incertus aduenam inciendam. SAGITTARIO calido: sicco et igneo coxę adscribūtur: utili ad incisionem uenę. CAPRICORNVS frigidus: siccus ac terreus habet genua. ad sanguinis autem minutionem inutilis existit. AQVARIVS calidus: humidus et aereus ad crura refertur: indifferens uenę incidendę. PISCES quoq; indifferentes sunt frigidi humidi et aquatici: pedes q; in tutela recipiunt. Illud autem non est obliuione prętereundum q; etsi luna in signo quopiam fuerit ad minutionem sanguinis electo: non tamen attingi debet pars corporis eidem signo allegata. Prętera iuuentuti quidem luna crescens: senibus autem decrescens eligi consueuit.

# DE MAGNITVDINE DIEI.

AD quantitatem diei ubiuis agnoscēdā ꝓpria exposita est tabula: in cui⁹ fronte numeri quidam statuunt⁹ eleuationē poli borealis significantes. in lateribus autē extremis signa zodiaci cū ternis gradibus suis adiacent. Illic ergo ad quāuis diem accipe signū et gradum solis. nam e directo ipsi⁹ sub numero eleuationis polaris apparebit quantitas tēporis semidiurni in horis et minutis suis si sol in aliquo signoꝝ borealium fuerit. aut quātitas tpis seminocturni si in australi quopiā extiterit. quod tē/pus seminocturnū ex 12 horis ablatum relinquit quātitatē tpis semidiurni. Ea autem quantitate duplicata totum temp⁹ diurnum conflabitur. Quum autem dies cum nocte sua simul uigintiquatuor horis constent: si quantitatem diei ex uigintiquatuor horis demas: quātitas noctis relinquetur. Q; si gradus solis non appareat in alterutro extremorū ordinū: considerabis duos iuxta eum uicinioꝛes. nam penes situm eius ad illos ꝓporcionaliter coniectabis quantitatem temporis semidiurni medi/am quodammodo inter duas quantitates dierum duobus illis uicinioribus gradibus respondentes. Porro semidiurni temporis quantitas indicat qua hora sol occidit: sicut et seminoctur/num tempus ortum solis declarat. Vt autem signorum charac/teres agnoscas hic apposita ē tabella ostendens etiam quę borealia quę ue australia nuncupentur.

| Borealia | Australia |
|---|---|
| ♈ Aries | ♎ Libra |
| ♉ Taurus | ♏ Scorpio |
| ♊ Gemini | ♐ Sagittarius |
| ♋ Cancer | ♑ Capricornus |
| ♌ Leo | ♒ Aquarius |
| ♍ Virgo | ♓ Pisces |

# TABVLA QVANTITATIS DIERVM



| | 36 | 37 | 38 | 39 | 20 | 21 | 22 | 23 | 24 | 25 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| G | h m | h m | h m | h m | h m | h m | h m | h m | h m | h m | G |
| ♈ ♎ | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 0 0 | 30 |
| ♉ ♏ | 3 3 | 3 2 | 3 2 | 3 2 | 3 2 | 3 2 | 3 2 | 3 2 | 4 3 | 4 3 | 29 |
| ♊ ♐ | 6 7 | 6 6 | 6 5 | 6 5 | 6 4 | 6 4 | 6 3 | 6 3 | 6 2 | 6 2 | 28 |
| ♋ ♑ | 9 10 | 9 9 | 9 8 | 9 8 | 9 7 | 9 6 | 9 6 | 9 5 | 9 5 | 9 4 | 27 |
| ♌ ♒ | 12 12 | 12 11 | 12 11 | 12 10 | 12 9 | 12 8 | 12 8 | 12 7 | 12 7 | 12 6 | 26 |
| ♍ ♓ | 15 15 | 15 14 | 15 13 | 15 12 | 15 11 | 15 10 | 15 10 | 15 9 | 15 9 | 15 8 | 25 |
| ♎ ♈ | 18 18 | 18 17 | 18 16 | 18 15 | 18 14 | 18 13 | 18 12 | 18 12 | 18 11 | 18 10 | 24 |
| ♏ ♉ | 21 21 | 21 20 | 21 19 | 21 18 | 21 17 | 21 16 | 21 15 | 21 14 | 21 13 | 21 13 | 23 |
| ♐ ♊ | 24 24 | 24 23 | 24 22 | 24 21 | 24 20 | 24 19 | 24 18 | 24 17 | 24 16 | 24 15 | 22 |
| ♑ ♋ | 27 27 | 27 26 | 27 25 | 27 24 | 27 23 | 27 22 | 27 21 | 27 20 | 27 19 | 27 18 | 21 |
| ♒ ♌ | 30 30 | 30 29 | 30 28 | 30 27 | 30 26 | 30 25 | 30 24 | 30 23 | 30 22 | 30 21 | 20 |
| ♓ ♍ | 33 33 | 33 32 | 33 31 | 33 30 | 33 29 | 33 28 | 33 27 | 33 26 | 33 25 | 33 24 | 19 |
| ♈ ♎ | 36 36 | 36 35 | 36 34 | 36 33 | 36 32 | 36 31 | 36 30 | 36 29 | 36 28 | 36 27 | 18 |
| ♉ ♏ | 39 39 | 39 38 | 39 37 | 39 36 | 39 35 | 39 34 | 39 33 | 39 32 | 39 31 | 39 30 | 17 |
| ♊ ♐ | 42 42 | 42 41 | 42 40 | 42 39 | 42 38 | 42 37 | 42 36 | 42 35 | 42 34 | 42 33 | 16 |
| ♋ ♑ | 45 45 | 45 44 | 45 43 | 45 42 | 45 41 | 45 40 | 45 39 | 45 38 | 45 37 | 45 36 | 15 |
| ♌ ♒ | 48 48 | 48 47 | 48 46 | 48 45 | 48 44 | 48 43 | 48 42 | 48 41 | 48 40 | 48 39 | 14 |
| ♍ ♓ | 51 51 | 51 50 | 51 49 | 51 48 | 51 47 | 51 46 | 51 45 | 51 44 | 51 43 | 51 42 | 13 |
| ♎ ♈ | 54 54 | 54 53 | 54 52 | 54 51 | 54 50 | 54 49 | 54 48 | 54 47 | 54 46 | 54 45 | 12 |
| ♏ ♉ | 57 57 | 57 56 | 57 55 | 57 54 | 57 53 | 57 52 | 57 51 | 57 50 | 57 49 | 57 48 | 11 |
| ♐ ♊ | 1 0 | 1 0 | 1 0 | 1 0 | 1 0 | 1 0 | 1 0 | 1 0 | 1 0 | 1 0 | 10 |
| ♑ ♋ | 4 4 | 4 3 | 4 3 | 4 3 | 4 3 | 4 3 | 4 3 | 4 3 | 4 3 | 4 3 | 9 |
| ♒ ♌ | 7 8 | 7 7 | 7 7 | 7 6 | 7 6 | 7 6 | 7 6 | 7 6 | 7 6 | 7 6 | 8 |
| ♓ ♍ | 11 11 | 11 10 | 11 10 | 11 9 | 11 9 | 11 9 | 11 9 | 11 9 | 11 9 | 11 9 | 7 |
| ♈ ♎ | 14 14 | 14 14 | 14 13 | 14 13 | 14 13 | 14 13 | 14 13 | 14 13 | 14 13 | 14 13 | 6 |
| ♉ ♏ | 18 18 | 18 17 | 18 17 | 18 17 | 18 17 | 18 17 | 18 17 | 18 17 | 18 17 | 18 17 | 5 |
| ♊ ♐ | 21 21 | 21 21 | 21 21 | 21 21 | 21 21 | 21 21 | 21 21 | 21 21 | 21 21 | 21 21 | 4 |
| ♋ ♑ | 25 25 | 25 25 | 25 25 | 25 25 | 25 25 | 25 25 | 25 25 | 25 25 | 25 25 | 25 25 | 3 |
| ♌ ♒ | 29 29 | 29 29 | 29 29 | 29 29 | 29 29 | 29 29 | 29 29 | 29 29 | 29 29 | 29 29 | 2 |
| ♍ ♓ | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 1 |
| ♎ ♈ ♏ | 37 37 | 37 37 | 37 37 | 37 37 | 37 37 | 37 37 | 37 37 | 37 37 | 37 37 | 37 37 | 0 |

# TABVLA QVANTITATIS DIERVM

| G | 26 | | 27 | | 28 | | 29 | | 30 | | 31 | | 32 | | 33 | | 34 | | 35 | | G |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | h | m | h | m | h | m | h | m | h | m | h | m | h | m | h | m | h | m | h | m | |
| ♈ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | ♈ |
| 1 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 1 |
| 2 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 8 | 0 | 8 | 2 |
| 3 | 0 | 12 | 0 | 12 | 0 | 12 | 0 | 12 | 0 | 12 | 0 | 12 | 0 | 12 | 0 | 12 | 0 | 12 | 0 | 12 | 3 |
| 4 | 0 | 16 | 0 | 16 | 0 | 16 | 0 | 16 | 0 | 16 | 0 | 16 | 0 | 16 | 0 | 16 | 0 | 16 | 0 | 16 | 4 |
| 5 | 0 | 20 | 0 | 20 | 0 | 20 | 0 | 20 | 0 | 20 | 0 | 20 | 0 | 20 | 0 | 20 | 0 | 20 | 0 | 20 | 5 |
| 6 | 0 | 24 | 0 | 24 | 0 | 24 | 0 | 24 | 0 | 24 | 0 | 24 | 0 | 24 | 0 | 24 | 0 | 24 | 0 | 24 | 6 |
| 7 | 0 | 28 | 0 | 28 | 0 | 28 | 0 | 28 | 0 | 28 | 0 | 28 | 0 | 28 | 0 | 28 | 0 | 28 | 0 | 28 | 7 |
| 8 | 0 | 32 | 0 | 32 | 0 | 32 | 0 | 32 | 0 | 32 | 0 | 32 | 0 | 32 | 0 | 32 | 0 | 32 | 0 | 32 | 8 |
| 9 | 0 | 36 | 0 | 36 | 0 | 36 | 0 | 36 | 0 | 36 | 0 | 36 | 0 | 36 | 0 | 36 | 0 | 36 | 0 | 36 | 9 |
| 10 | 0 | 40 | 0 | 40 | 0 | 40 | 0 | 40 | 0 | 40 | 0 | 40 | 0 | 40 | 0 | 40 | 0 | 40 | 0 | 40 | 10 |
| 11 | 0 | 44 | 0 | 44 | 0 | 44 | 0 | 44 | 0 | 44 | 0 | 44 | 0 | 44 | 0 | 44 | 0 | 44 | 0 | 44 | 11 |
| 12 | 0 | 48 | 0 | 48 | 0 | 48 | 0 | 48 | 0 | 48 | 0 | 48 | 0 | 48 | 0 | 48 | 0 | 48 | 0 | 48 | 12 |
| 13 | 0 | 52 | 0 | 52 | 0 | 52 | 0 | 52 | 0 | 52 | 0 | 52 | 0 | 52 | 0 | 52 | 0 | 52 | 0 | 52 | 13 |
| 14 | 0 | 56 | 0 | 56 | 0 | 56 | 0 | 56 | 0 | 56 | 0 | 56 | 0 | 56 | 0 | 56 | 0 | 56 | 0 | 56 | 14 |
| 15 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 15 |
| 16 | 1 | 4 | 1 | 4 | 1 | 4 | 1 | 4 | 1 | 4 | 1 | 4 | 1 | 4 | 1 | 4 | 1 | 4 | 1 | 4 | 16 |
| 17 | 1 | 8 | 1 | 8 | 1 | 8 | 1 | 8 | 1 | 8 | 1 | 8 | 1 | 8 | 1 | 8 | 1 | 8 | 1 | 8 | 17 |
| 18 | 1 | 12 | 1 | 12 | 1 | 12 | 1 | 12 | 1 | 12 | 1 | 12 | 1 | 12 | 1 | 12 | 1 | 12 | 1 | 12 | 18 |
| 19 | 1 | 16 | 1 | 16 | 1 | 16 | 1 | 16 | 1 | 16 | 1 | 16 | 1 | 16 | 1 | 16 | 1 | 16 | 1 | 16 | 19 |
| 20 | 1 | 20 | 1 | 20 | 1 | 20 | 1 | 20 | 1 | 20 | 1 | 20 | 1 | 20 | 1 | 20 | 1 | 20 | 1 | 20 | 20 |
| 21 | 1 | 24 | 1 | 24 | 1 | 24 | 1 | 24 | 1 | 24 | 1 | 24 | 1 | 24 | 1 | 24 | 1 | 24 | 1 | 24 | 21 |
| 22 | 1 | 28 | 1 | 28 | 1 | 28 | 1 | 28 | 1 | 28 | 1 | 28 | 1 | 28 | 1 | 28 | 1 | 28 | 1 | 28 | 22 |
| 23 | 1 | 32 | 1 | 32 | 1 | 32 | 1 | 32 | 1 | 32 | 1 | 32 | 1 | 32 | 1 | 32 | 1 | 32 | 1 | 32 | 23 |
| 24 | 1 | 36 | 1 | 36 | 1 | 36 | 1 | 36 | 1 | 36 | 1 | 36 | 1 | 36 | 1 | 36 | 1 | 36 | 1 | 36 | 24 |
| 25 | 1 | 40 | 1 | 40 | 1 | 40 | 1 | 40 | 1 | 40 | 1 | 40 | 1 | 40 | 1 | 40 | 1 | 40 | 1 | 40 | 25 |
| 26 | 1 | 44 | 1 | 44 | 1 | 44 | 1 | 44 | 1 | 44 | 1 | 44 | 1 | 44 | 1 | 44 | 1 | 44 | 1 | 44 | 26 |
| 27 | 1 | 48 | 1 | 48 | 1 | 48 | 1 | 48 | 1 | 48 | 1 | 48 | 1 | 48 | 1 | 48 | 1 | 48 | 1 | 48 | 27 |
| 28 | 1 | 52 | 1 | 52 | 1 | 52 | 1 | 52 | 1 | 52 | 1 | 52 | 1 | 52 | 1 | 52 | 1 | 52 | 1 | 52 | 28 |
| 29 | 1 | 56 | 1 | 56 | 1 | 56 | 1 | 56 | 1 | 56 | 1 | 56 | 1 | 56 | 1 | 56 | 1 | 56 | 1 | 56 | 29 |
| ♍ | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | 2 | 0 | ♍ |
| 1 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 1 |
| 2 | 2 | 8 | 2 | 8 | 2 | 8 | 2 | 8 | 2 | 8 | 2 | 8 | 2 | 8 | 2 | 8 | 2 | 8 | 2 | 8 | 2 |
| 3 | 2 | 12 | 2 | 12 | 2 | 12 | 2 | 12 | 2 | 12 | 2 | 12 | 2 | 12 | 2 | 12 | 2 | 12 | 2 | 12 | 3 |
| 4 | 2 | 16 | 2 | 16 | 2 | 16 | 2 | 16 | 2 | 16 | 2 | 16 | 2 | 16 | 2 | 16 | 2 | 16 | 2 | 16 | 4 |
| 5 | 2 | 20 | 2 | 20 | 2 | 20 | 2 | 20 | 2 | 20 | 2 | 20 | 2 | 20 | 2 | 20 | 2 | 20 | 2 | 20 | 5 |
| 6 | 2 | 24 | 2 | 24 | 2 | 24 | 2 | 24 | 2 | 24 | 2 | 24 | 2 | 24 | 2 | 24 | 2 | 24 | 2 | 24 | 6 |
| 7 | 2 | 28 | 2 | 28 | 2 | 28 | 2 | 28 | 2 | 28 | 2 | 28 | 2 | 28 | 2 | 28 | 2 | 28 | 2 | 28 | 7 |
| 8 | 2 | 32 | 2 | 32 | 2 | 32 | 2 | 32 | 2 | 32 | 2 | 32 | 2 | 32 | 2 | 32 | 2 | 32 | 2 | 32 | 8 |
| 9 | 2 | 36 | 2 | 36 | 2 | 36 | 2 | 36 | 2 | 36 | 2 | 36 | 2 | 36 | 2 | 36 | 2 | 36 | 2 | 36 | 9 |
| 10 | 2 | 40 | 2 | 40 | 2 | 40 | 2 | 40 | 2 | 40 | 2 | 40 | 2 | 40 | 2 | 40 | 2 | 40 | 2 | 40 | 10 |
| 11 | 2 | 44 | 2 | 44 | 2 | 44 | 2 | 44 | 2 | 44 | 2 | 44 | 2 | 44 | 2 | 44 | 2 | 44 | 2 | 44 | 11 |
| 12 | 2 | 48 | 2 | 48 | 2 | 48 | 2 | 48 | 2 | 48 | 2 | 48 | 2 | 48 | 2 | 48 | 2 | 48 | 2 | 48 | 12 |
| 13 | 2 | 52 | 2 | 52 | 2 | 52 | 2 | 52 | 2 | 52 | 2 | 52 | 2 | 52 | 2 | 52 | 2 | 52 | 2 | 52 | 13 |
| 14 | 2 | 56 | 2 | 56 | 2 | 56 | 2 | 56 | 2 | 56 | 2 | 56 | 2 | 56 | 2 | 56 | 2 | 56 | 2 | 56 | 14 |
| ♎ | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | ♎ |
| 1 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 1 |
| 2 | 3 | 8 | 3 | 8 | 3 | 8 | 3 | 8 | 3 | 8 | 3 | 8 | 3 | 8 | 3 | 8 | 3 | 8 | 3 | 8 | 2 |
| 3 | 3 | 12 | 3 | 12 | 3 | 12 | 3 | 12 | 3 | 12 | 3 | 12 | 3 | 12 | 3 | 12 | 3 | 12 | 3 | 12 | 3 |
| 4 | 3 | 16 | 3 | 16 | 3 | 16 | 3 | 16 | 3 | 16 | 3 | 16 | 3 | 16 | 3 | 16 | 3 | 16 | 3 | 16 | 4 |
| 5 | 3 | 20 | 3 | 20 | 3 | 20 | 3 | 20 | 3 | 20 | 3 | 20 | 3 | 20 | 3 | 20 | 3 | 20 | 3 | 20 | 5 |
| 6 | 3 | 24 | 3 | 24 | 3 | 24 | 3 | 24 | 3 | 24 | 3 | 24 | 3 | 24 | 3 | 24 | 3 | 24 | 3 | 24 | 6 |
| 7 | 3 | 28 | 3 | 28 | 3 | 28 | 3 | 28 | 3 | 28 | 3 | 28 | 3 | 28 | 3 | 28 | 3 | 28 | 3 | 28 | 7 |
| 8 | 3 | 32 | 3 | 32 | 3 | 32 | 3 | 32 | 3 | 32 | 3 | 32 | 3 | 32 | 3 | 32 | 3 | 32 | 3 | 32 | 8 |
| 9 | 3 | 36 | 3 | 36 | 3 | 36 | 3 | 36 | 3 | 36 | 3 | 36 | 3 | 36 | 3 | 36 | 3 | 36 | 3 | 36 | 9 |
| 10 | 3 | 40 | 3 | 40 | 3 | 40 | 3 | 40 | 3 | 40 | 3 | 40 | 3 | 40 | 3 | 40 | 3 | 40 | 3 | 40 | 10 |
| 11 | 3 | 44 | 3 | 44 | 3 | 44 | 3 | 44 | 3 | 44 | 3 | 44 | 3 | 44 | 3 | 44 | 3 | 44 | 3 | 44 | 11 |
| 12 | 3 | 48 | 3 | 48 | 3 | 48 | 3 | 48 | 3 | 48 | 3 | 48 | 3 | 48 | 3 | 48 | 3 | 48 | 3 | 48 | 12 |
| 13 | 3 | 52 | 3 | 52 | 3 | 52 | 3 | 52 | 3 | 52 | 3 | 52 | 3 | 52 | 3 | 52 | 3 | 52 | 3 | 52 | 13 |
| 14 | 3 | 56 | 3 | 56 | 3 | 56 | 3 | 56 | 3 | 56 | 3 | 56 | 3 | 56 | 3 | 56 | 3 | 56 | 3 | 56 | 14 |
| ♏ | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | 4 | 0 | ♏ |

# DE HOROLOGIO HORIZONTALI.

HOrologiū horizōtale in q̄uis habitatione hoc modo conficietur. Distensis pedibus circini ad latus quadrantis horologii horizontalis ī planicie quadam circulum describe. cuius diametro designata alterum semicirculorum spaciis horariis designandis accommoda. Eius itaq; semicirculi arcum diuide p̄ medium: & a puncto medię incisionis ad cētrum circuli duc lineā rectam: quę erit horę duodecimę. diameter autem circuli dudum lineata duplici horę sextę uidelicet antemeridianę et post meridianę inseruiet. Quę res ut definitius exponi possit: arcū semicirculi oppone pectori tuo ita ut linea horę duodecimę aduersus te porrigatur. Sic ergo diametro circuli in duas semidiametros resoluta: dextra quidem semidiameter horam sextam antemeridianam repręsentabit. sinistra autem sextam postmeridianam. Reliquas autem horaȝ lineas hoc pacto inscribes. Pone filum quadrantis ad scalam latitudinum & moue īdicem id est nodulum filo adhęrentem ad eleuationem poli in scala signatam. Deinde translato indice ad lineam horę primę habebis in arcu quadrantis extremo inter filum extensum & latus sinistrū quadrantis distantiam unius horę a meridie. quam distātiā circino acceptā traduc ad semicirculū horologii futuri figēdo scilicet altey pedē circini in extremo pūcto lineę horę duodecimę: alteri? autē circūducti utrīq; uestigiū nota ī arcu semicirculi. duo q; puncta sic facta cum cētro horologii cōtinua per duas rectas: quaȝ dextra quidē undecimā horā significabit: sinistra autē primā post meridiē. Rurs? pone īdicē ad lineā horę secūdę: & habebis distātiā duaȝ horaȝ a meridie int̄ filū extēsū lat? q; q̄drātis. Hāc distātiā trāsfer sicut ātea ad circū ferētiā horologii. factis q; duobus pūctis: ac ipsis cum centro horologii copulatis dextra quidē linea erit horę decimę: sinistra autē horę secundę.

Non aliter efficies reliquas horologii lineas posito indice super cęteras horarum lineas in quadrante. Ad hunc modum semicirculus horologii duodecim horarum spaciis distinguitur. Quum autem dies ęstiui pluribus q̄ duodenis constent horis: reliquas horarum distantias hac uia deprehendes. Quanta est intercapedo quintę et sextę horarum in circumferentia horologii: tantum officio circini adiunge utriq; horę sextę: factis q; per pedem circini uagum duobus punctis: ac eis cum centro per lineas rectas copulatis: dextra quidē horam quītam ante meridianam: sinistra uero septimā postmeridianam repręsentabit. Item sumpta similiter intercapedine duarum horarum quartę sextę q;: ac ea utrinq; ad horam sextam adiūcta: si ut prius duas rectas duxeris: dextra quidem horam quartam ante meridianam: sinistra octauam postmeridianam cōmonstrabit. Cęterum descriptis iam lineis horariis pone filum quadrantis ad numeꝝ eleuationis poli in habitatione tua: qui per tabulam regionum deprehenditur. mox enī apparebit angulus quidam filo ipso et latere quadrantis graduato contentus. cui ęqualem fac ex tabula lignea aut ex lamīa ferrea. eum q; angulum ad lineam horę duodecimę sic applica ut cuspis eius cum centro horologii conueniat. supficies autem āguli rectissime īnitat' plānicie horologii neutrorsum uidelicet declinans. Poteris etiam si libeat ex centro horologii educere filum ferreū secūdū quantitatem anguli memorati. erit q; usus eius idem cum usu anguli: utriusq; umbra horas īdicante. Hactenꝰ de fabrica. nūc de positione horologii tractandum. quę haud cōmode sine linea meridiana compatur. Est autem uulgaris lineę meridianę īuētio ad būc fere modū. ī plano ad ęquidistantiā horizontis posito describe circulum quantumlibet. in cuius centro fige stilū teretem sic ut cacumen eius quaq̄uersum ęqualiter distet a circumferentia circuli. Ea autem longitudine sit stilus ut umbra eius breuissima quę fit in meridie intra circulum terminetur

Obſerua itaq; duaſſtili umbras ęquales antemeridianam & poſt meridianam: quarum uidelicet utraq; ad circumferentiam circuli deſinat. factis q; duobus punctis ad terminos umbraꝝ arcꝰ interceptus per ęqua diuidatur: punctus q; medię inciſionis cū centro circuli copuletur: quę quantuncūq; etiam utrinq; extenſa erit linea meridiana quā quęrebas. Cui iam ſuperimpone lineā borę duodecimę horologii ita ut ſemicirculus horarius ad ſeptē triones ſpectet. Sole itaq; radiante umbra anguli ſup̄ memorati aut fili ferrei horas indicabit. Poteris autem ex una linea meridiana q̄ facillimē innumeras alias elicere. Nam ī ipſo puncto borę duodecimę ubicunq; perpendiculum ex manu demiſeris: ſi in umbra fili duo puncta ubilibet ſumpta per rectam copulaueris: ea noua erit linea meridiana. Punctum autem borę duodecimę miniſter tuus ad horologiū adſtās tibi q̄uis abſenti pronūciabit.

## DE NOTICIA HORARVM AEQVINOCTIALIVM.

PEr quadratū horariū huic libello inſertū horas dierum in quauis habitatione facile diſcernes ſi prius officia partium iſtrumenti pſpexeris. Eſt itaq; ſcala latitudinum cancellatis ſtrata lineis. quarum quę inuicem ęquidiſtant eleuationes poli definiūt: numeris ſuis ad dextram adnotatis. quę uero ad anguſtiam deſcēdunt quaſi concurſum petentes ſigna zodiaci denos q; eoꝝ gradus diſtinguūt: litteris ſignorum initialibus opportune ſubnotatis. Diſcretionis autem gratia quęlibet ęquidiſtantium uocetur zodiacus habitationis. quoniā unaquęq; earum in ſigna gradus q; ſecta eſt per lineas inclinatas deorſum uenientes. Sub hac ſcala ē numerꝰ horaꝝ duplex: ātemeridianus qdē ſupior poſtmeridianꝰ autē inferior: iuxta ſuā quiſq; horariā linea. Extremę autē lineę uidelicet borę duodecimę adiacet ſcala breuibꝰ q̄buſdam diſtincta ſpaciolis: quoꝝ ſingula denos gradꝰ repręſentāt. gradꝰ ī q̄ ſignorū quę iuxta, etiam litteris ſuis primarijs adſcribuntur.

Talem autem ſignorum graduum q̧ contextum haud ĩiuria zodiacum meridiei quiſpiam appellauerit. Prędictis lineis ſupĩcumbit brachiolum quoddam mobile. ex cuius fine quę uocet̃ manus demiſſum ẽ perpendiculum: cuius filo adhęret nodulus quidam horarum index. Porro in ſup̃ma linea inſtrumenti aut e directo eius ad ſiniſtram figendum ẽ aliquid quod umbrã iaciat ſoli oppoſitum. quale poterit eſſe granum cereum uel nodulus aut aliquid huiuſcemodi. In quacunq̧ igitur habitatione fueris diligenter animaduerte zodiacum tuum. nam in eo ſemper manus predicta ultro citroq̧ decurret. Eam ergo manum pone ad gradum ſolis in zodiaco habitationis tuę. filo q̧ perpendiculi libere demiſſi ad gradum ſolis ĩ zodiaco meridiei aptato trãſfer nodulum filo adhęrẽtẽ ad eundem ſolis gradum Quibus ſic diſpoſitis ſiniſtrum ĩſtrumenti latus oppone ſoli radianti ita ut umbra cerei grani ad ſupremam ĩſtrumenti lineã porrigatur. mox enim ſitus noduli inter lineas horarias quęſitam indicabit horam.

## DE HORIS TEMPORALIBVS.

HActenus omnẽ horarũ computum retulimus ad meridianũ: hoc ẽ uel a meridie uel a media nocte ĩitiũ ſupputationis fecimus. Iã ſi libet ad horizõtẽ referre (quoniã pleriſq̧ mos ẽ ab occaſu ſoliſ horas computare: non nulli etiam ab oriente ſole horis diurnis initium facere conſueuerunt). ad occaſum hoc modo reduces horas a meridie cęptas. Subtrahe temp⁹ ſemidiurnum ex numero horarum a meridie incipientium: ſupadditis uigĩtiquatuor horis ſi alias ſubtractio fieri nequeat. ſic enĩ relinquetur numer⁹ horarum a prĩcipio noctis computãdarũ. Ad ortũ autẽ rediges horas a medio noctis exorſas ſi ex eis tẽp⁹ ſeminocturnũ detraxeriſ cũ ſupplemẽto etiã uigĩtiquatuor horaꝝ ſi alioqui detractio fieri nõ poſſit. Et hacten⁹ quidem omĩa de horis ęquinoctialibus quas uulgo ęquales uocant accipienda ſunt.

Eas autem facile conuertes in horas temporales quę & inęquales hodie nūcupantur si usum instrumenti ad banc rem expositi ad discas. Pone igitur filum instrumenti super numerum temporis semidiurni in limbo deprębensum: & promoue nodulum ad arcum horę duodecime. Deinde transfer filum in eodem limbo ad horas ęquinoctiales propositas: sed a meridiano hac uel illac id est ad orientem uersus uel occidentem prout res admonet cōputatas. mox enim inter arcus horarios horam temporalem nodulus indicabit. Verum cum duplex illic numerorum series appareat: superior quidem ab 1 ad 6 antemeridianis horis debetur: inferior autem a ∧ ad 12 postmeridianis. Erunt autem horę temporales antemeridianę si ęquinoctiales antemeridianę fuerint. et si has postmeridianas suppossueris: illę quoq; postmeridianę. erūt Nō aliť de horis nocturnis te expedies si filo ad tēpus seminocturnum posito nodulum ut antea ad arcum horę duodecimę perduxeris: horas q; ęquinoctiales propositas a meridio noctis hac uel illac computaueris. Hę sunt horę quibus prisci utebantur qui dies quoscunq; ac etiam noctes duodenis horis constituebant. Sed et eas horas gubernamento luminarium ac planetarum distribuebāt incipiētes a prima hora diei Saturni: quam Saturno ipsi supremam obtinenti sedem dicauere. secundam Ioui: tertiam Marti & sic deinceps ordine seruato tam horarum q̄ planetarum: nocturnas etiam horas diurnis subiungentes: ita ut percursis uigintiquatuor horis: planetis q; quotiens oportet repetitis uigesimaquinta hora: id ē prima posterę diei quartum ex ordine planetam adsciscat. Sic prima hora sequentis diei. id est dominicę ad solem attinet. et quę deinde succedunt ut prius planetis suis accommodantur: Sed ne in re peruulgata diem teramus: si libet scire cui planetę debeatur hora quęlibet proposita scias ī primis cuius planetę sit dies prębsens. Talem autem planetę habent successionem per dies septenos.

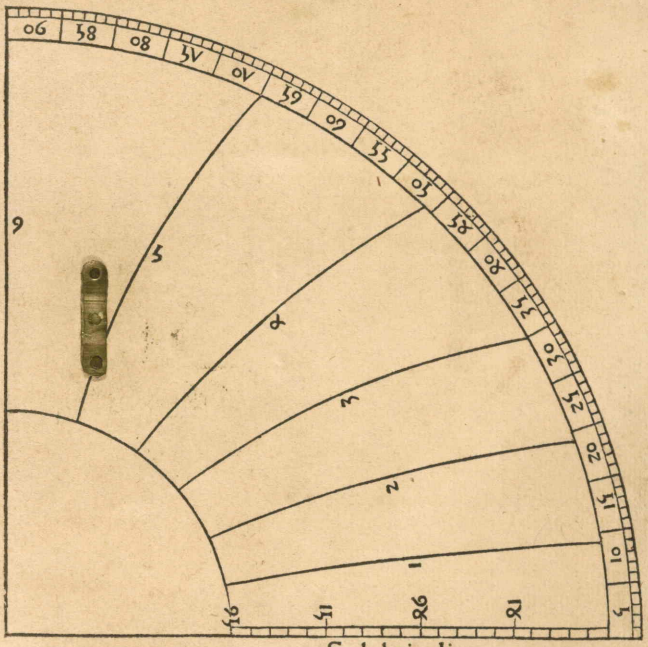
Saturnus. Sol. Luna. Mars. Mercurius. Iupiter. Venus, diē ſabbati Saturno aſſumēte: cęteris q; diebus ad cęteros planetas ex ordine relatis. Quo cognito ſtatue primam borā diei ī nota iteriori primi articuli indicis: ſecundā ī nota ſecundi articuli: terciā in nota tertii: quartā in cacumīe indicis: quintā in nota exteriori tertii articuli: ſextam in ſecundo: ſeptimam ī primo articulo extrinſecus. reliquas autem horas ſi quę ſint ſimiliter ad articulos ſequentium digitorum adapta. digitum q; quī horam ꝓpoſitam ſuſcipit anīaduerte. nam ſi in primo articulo talis digiti intrinſecus planetā diei ſiſtes & ſequentibus articulis ſequentes planetas addicabis donec ad ſedem horę propoſitę ueniēs: illic planetam horę dominum deprehendes. Hęc quanticūq; ſint momēti adnotaſſe non fuerit alienum quandoquidē horarum tractatu ad hanc fere ſcriptionē adducti ſumus. q̄uis hoc quoq; ſimul īnoteſcat cur ſeptenis diebus a ſeptenario planetarum numero appellationem mutuātibus non ſeruet planetarum ordo qualis in cęlo eſt: ſed a Saturno uerbigrā ad Solem: a quo ad Lunam & ita deinceps binaria ſemp intercalatione ſaltus fiat. Id enim uigenę quaternę horę quib9 ſinguli dies noctes q; conſtant facta per eas planetarū diſtributione exigūt. quippe hoc ſucceſſu uigeſimę quintę horę: id eſt exordio poſterę diei quartus a priori planeta duobus iam prędictis allegatur.

Hic kalendarii noſtri clauderemus uſum niſi quorūdam de celebritate paſcali dubitatio ſuccurreret. qua de re nō nichil ex prędicti opuſculo colligi poteſt. Nam quum diuino prędicto iuſſum ſit paſca celebrari quartadecima die mēſis primi (primi autē mēſis dicitur cuius initium aut medium ī ipſo ęquinoctio uerno eſt: uel initium uicinius eidem ęquinoctio) perſpicuum eſt buius rei obſeruationem e duobus pendere principiis: ęquinoctio uidelicet uerno & nouilunio primo: quorum neutri ſtabilis perpetuo ſedes cōceſſa eſt in kalendario romanenſi quo ecclęſia etiā chriſtiana utitur. Quippe ratio ſupplemēti biſſextilis

nō recte quadrat qn q̄tuor āni eccleſię pauxillo quodā ſupent q̄tu
or annos ſolares. Quo fieri oportet ut ſi hoc anno uerbi gratia
ęquinoctiū uernū fuerit ad unguē in meridie undecię diei Mar/
tii: q̄tuor annis uſualib⁹ exactis ęquinoctiū ſimile iam nō erit i
meridie undecimę diei: ſed tanto priuſ quātus ē exceſſ⁹ quatuor
annoꝝ uſualiū ſuper quatuor ānos ſolares. Verū huiuſcemodi ā
ticipatio paucis quidem annis admodū parua exiſtens multorū
ſucceſſu annoꝝ paulatim ſenſibilis reddit adeo ut a tēpore Dio/
nyſii abbatiſ cui⁹ paſcali cōputo adhuc utimur: ad nrām uſq; ęta
tē memorata ęquoctii uerni anticipatio dieſ ferme decē cōplexa
ſit. Pari ratione nouiluniaquoq; firmos i kalēdario locos habe/
re neq̄t. q̄niā ſeptuageniſſenis uſualib⁹ annis lunationes ſingu
lę ad ſenas ꝓpe horas anticipāt. Quas ob res ut q̄ breuiſſime di/
cat: quum bis annis ęquinoctiū uernum fiat undecima Martii
quod tpe Dionyſii fiebat uigeſimaꝑma eiuſdē: ſi quod pleniluni/
um i hoc decē dieꝝ intuallo euenerit: id ꝓfecto paſcale erit ſecū/
dū inſtitutionē ꝑmariā q̄uis computo Dionyſii diſcrepāte. Qui
ergo ſciūt ęquoctiū uernū hoc nrō tēpore ad undecimā Martii
fieri(ſed nemo fere ignorat quum iāpridē diui Gregorii dies ui/
delicet duodecima Martii eidē cōceſſa ſit ęquoctio). qui deniq; i
cęlo aut alias pleniluniū agnoſcūt. quod iā puulgatū ē. qui rur/
ſus diuini tenorē ꝑcepti de celebritate paſcali didicerunt: quod
penę i ꝓpatulo ē: popularib⁹ iā dudū lingua uernacula litteras
legētib⁹ ſacras: ii certe omnes mirari poſſūt cur idictū intuallū
decē dierū pleniluniō icidēte nō eoipſo aut ſaltē ꝓxima domnica
ſequenti paſcale fiat ſacꝝ: ſed p mēſem totū et eo quādoq; āplius
eccleſia iubente differat. Hinc quędam oriri ſolent quęſtiunculę
de luna paſcali. q̄lis mota fuit Beſſarioni cardinali dū legatū in
uenetis ageret. Quales etiā mihi a multis & qbuſdā hebręis ſępe
numero obiectatę ſūt. Taliſ deniq; ābiguitaſ uidet quōdā facer/
dotes uexaſſe premenſes ut paſcalem diem agerēt menſe fere to/
to prius q̄ eccleſia uniuerſalis celebraret: durante idcirco in bo/
diernum uſq; diem uerbo in eos ludifico.

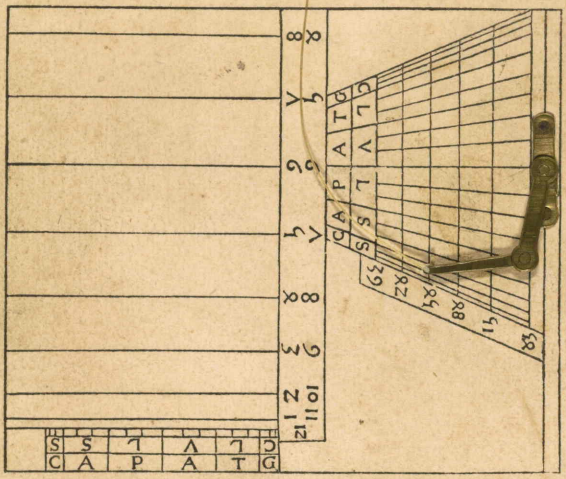
| | anni Christi | iuxta usũ ecclesię | iuxta decreta patꝝ | dria |
|---|---|---|---|---|
| Maxima autem ac nimis pudẽ | 1277 | 6 Aprilis | 30 Martii | 7 |
| da est contumelia quam nobis | 1281 | 22 Aprilis | 18 Martii | 35 |
| hebraica duricies / seruũ istud | 1282 | 18 Aprilis | 12 Martii | 35 |
| pecus / iferre nõ erubescit: nũ / | 1288 | 6 Aprilis | 30 Martii | 7 |
| quam in nos cauillandi finem | 1289 | 19 Aprilis | 22 Martii | 28 |
| faciens: ut qui a se non mini / | 1291 | 3 Aprilis | 27 Martii | 7 |
| mam sacrę litteraturę partem | 1292 | 22 Aprilis | 18 Martii | 35 |
| mutuati simus ne primum qui | 1292 | 30 Martii | 23 Martii | 7 |
| dem diuinę legis monimentũ | 1295 | 19 Aprilis | 12 Aprilis | 7 |
| seruare studeamus. scilicet uel | 1297 | 26 Martii | 19 Martii | 7 |
| ignorantiam nobis uel incon / | 1298 | 15 Aprilis | 8 Aprilis | 7 |
| stantiam impingens. Quam / | 1500 | 19 Aprilis | 22 Martii | 28 |
| obrem operęprecium est quos / | 1501 | 11 Aprilis | 2 Aprilis | 7 |
| dam futuros proferre annos | 1503 | 16 Aprilis | 19 Martii | 28 |
| quibꝰ uera pascalis ratio discre | 1502 | 7 Aprilis | 31 Martii | 7 |
| pat a prisca illa supputatione | 1508 | 23 Aprilis | 19 Martii | 35 |
| dionysiaca: quam adhuc eccle / | 1511 | 20 Aprilis | 16 Martii | 35 |
| sia uniuersalis pro auctoritate | 1512 | 11 Aprilis | 2 Aprilis | 7 |
| sua tolerat. Hoc autem pręfa / | 1512 | 16 Aprilis | 9 Aprilis | 7 |
| bor non animo reprehendendi | 1515 | 8 Aprilis | 1 Aprilis | 7 |
| me id facturum: quando non | 1518 | 2 Aprilis | 28 Martii | 7 |
| penes arbitrium meum sita est | 1519 | 22 Aprilis | 20 Martii | 35 |
| huiuscemodi negocii pręcipua | 1521 | 31 Martii | 22 Martii | 7 |
| tractatio: sed quo cautiores fiãt | 1522 | 20 Aprilis | 16 Martii | 35 |
| nostri homines siquãdo impia | 1522 | 27 Martii | 20 Martii | 7 |
| quauis obiectatione uexentur. | 1525 | 16 Aprilis | 9 Aprilis | 7 |
| Haud enim facile est tela reper | 1527 | 21 Aprilis | 22 Martii | 28 |
| cutere improuisa. Iam uero | 1528 | 12 Aprilis | 5 Aprilis | 7 |
| fas sit huiuscemodi discrepãtiã | 1530 | 17 Aprilis | 20 Martii | 28 |
| tabulari numero cõmõstrare. | 1531 | 9 Aprilis | 2 Aprilis | 7 |

# QVADRANS HOROLOGII HORIZONTALIS.




Scala latitudinum.

# QVADRATVM HORARIVM GENERALE.



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