

# Bulletin de l'Observatoire de Nice

N° 69

1931

25 Avril

## M. GONNESSIAT (Alger; équat. phot.)

| 1931  | TU  | Planète | Gr.  | Pos. 1925.0   | Corr. | Ephém. |
|-------|-----|---------|------|---------------|-------|--------|
| Janv. |     |         |      | h. m. o'      | m.    | '      |
| 20 9  | 584 |         | 11.6 | 1. 4.6 +16.29 | —     | —      |
| 20 9  | 172 |         | 13.2 | 1.25 8 +20.36 | —     | —      |
| 25 8  | 357 |         | 13.2 | 3.33 7 + 2.19 | —     | —      |

## M. BOYER (Alger; équat. phot.)

| Janv. | TU  | Planète | Gr.  | Pos. 1925.0    | Corr. | Ephém. |
|-------|-----|---------|------|----------------|-------|--------|
| 24 1  | 42  |         | 11.2 | 8.26.6 +27.23  | +4.5  | - 7 BJ |
| 24 1  | 501 |         | 13.8 | 7.41.4 +48.13  | -2.2  | + 7 BJ |
| 28 1  | 102 |         | 13.7 | 10.26.9 + 2.57 | -0.5  | + 1 BJ |
| 28 9  | 48  |         | 10.7 | 8.24.1 +10.48  | +0.2  | 0 BJ   |
| 28 9  | 126 |         | 12.0 | 9.54.9 +17.6   | -2.4  | +13 BJ |
| 29 0  | 737 |         | 13.0 | 11.2.4 - 2.37  | -0.7  | + 5 BJ |
| Févr. |     |         |      |                |       |        |
| 16 9  | 734 |         | 13.3 | 10.17.6 +15.54 | +9.5  | -70 BJ |
| 27 9  | 487 |         | 12.1 | 10.58.3 +48.26 | +2.2  | -41 BJ |
| 28 0  | 140 |         | 12.1 | 10.45.8 +11.44 | -4.0  | +19 BJ |
| 28 0  | 702 |         | 12.2 | 11.2.1 -21.22  | 0.0   | - 5 BJ |

## Mars

|      |      |  |      |                |      |            |
|------|------|--|------|----------------|------|------------|
| 13 9 | 42   |  | 11.9 | 7.51.7 +29.4   | —    | —          |
| 13 9 | 624  |  | 13.8 | 9.55.0 +17.40  | 0.0  | - 1 BJ     |
| 14 0 | 1113 |  | 13.0 | 11.2.1 - 2.37  | -1.1 | + 9 BJ     |
| 17 9 | AC   |  | 13.8 | 12.5.5 + 1.15  | +1.8 | -12 BJ     |
| 18 0 | 1143 |  | 14.0 | 12.3.4 - 3.5   | +0.8 | - 5 RI 402 |
| 20 9 | 994  |  | 12.6 | 11.47.7 + 4.0  | -2.7 | +27 BJ     |
| 20 9 | 885  |  | 14.8 | 11.45.5 + 3.48 | +1.5 | - 8 BJ     |
| 21 0 | 588  |  | 14.4 | 11.42.6 - 7.41 | 0.0  | + 1 BJ     |
| 24 9 | 911  |  | 13.6 | 10.41.1 + 4.23 | +0.1 | - 1 BJ     |
| 24 9 | 1074 |  | 13.7 | 11.2.2 + 7.10  | +2.3 | -14 BJ     |
| 27 9 | 306  |  | 11.7 | 11.50.9 + 8.51 | -2.2 | +14 BJ     |
| 27 9 | 656  |  | 12.6 | 11.53.4 + 0.39 | +0.1 | - 1 BJ     |
| 27 9 | 444  |  | 11.7 | 11.30.5 - 1.52 | -0.7 | + 4 BJ     |
| 27 9 | 554  |  | 11.1 | 11.30.1 - 1.28 | -0.9 | + 6 BJ     |
| 27 9 | 117  |  | 11.3 | 11.51.4 - 4.30 | -0.1 | 0 BJ       |

## Avril

|     |     |  |      |                |      |        |
|-----|-----|--|------|----------------|------|--------|
| 3 9 | 192 |  | 10.8 | 9.43.5 +14.27  | —    | —      |
| 3 9 | 12  |  | 10.4 | 10.11.0 - 0.58 | —    | —      |
| 4 0 | 40  |  | 9.6  | 12.7.4 + 7.7   | -0.4 | + 6 BJ |
| 4 0 | 18  |  | 10.0 | 11.40.9 +10.18 | +0.4 | - 7 BJ |
| 4 0 | 218 |  | 11.2 | 11.53.1 + 6.38 | +2.2 | + 5 BJ |

## M. REISS (Alger, Equat. Phot.)

| Janv. | TU  | Planète | Gr.  | Pos. 1925.0    | Corr. | Ephém.    |
|-------|-----|---------|------|----------------|-------|-----------|
| 24 9  | 805 |         | 14.6 | 7.14.8 + 5.5   | -0.1  | + 8 BJ    |
| 24 9  | 156 |         | 11.2 | 7.17.2 + 10.21 | -3.7  | + 7 BJ    |
| 25 0  | 504 |         | 12.8 | 6.8.3 + 22.35  | -0.8  | - 4 BZ 47 |
| Févr. |     |         |      |                |       |           |
| 12 9  | 850 |         | 13.4 | 8.38.9 +22.28  | +0.2  | 0 BJ      |
| 12 9  | 928 |         | 12.5 | 9.15.8 +19.57  | -4.4  | + 5 BJ    |
| 16 9  | 975 |         | »    | 8.50.0 +21.32  | +6.6  | -26 BJ    |
| 16 9  | 930 |         | 14.1 | 9.28.3 +23.45  | -0.5  | + 2 BZ 5  |
| 16 9  | 734 |         | 13.3 | 10.16.2 +16.1  | +8.1  | -63 BJ    |
| 21 9  | 238 |         | 11.7 | 7.56.3 + 6.8   | -4.0  | +14 BJ    |

## M. REISS (Alg. équat. phot.) Suite

| 1931  | TU  | Planète | Gr.  | Pos. 1925.0    | Corr. | Ephém. |
|-------|-----|---------|------|----------------|-------|--------|
| Févr. |     |         |      | h. m. o'       | m.    | '      |
| 21 9  | 932 |         | 12.1 | 10.17.0 +21.11 | - 0.5 | + 4 BJ |
| 22 0  | 324 |         | 11.5 | 7.9.7 +29.56   | -10.0 | +40 BJ |
| 26 8  | 357 |         | 14.1 | 5.53.3 + 6.42  | —     | —      |
| 26 8  | 94  |         | 12.8 | 8.5.6 +29.30   | - 0.9 | + 5 BJ |
| 26 9  | 324 |         | 11.3 | 7.8.8 +29.31   | —     | —      |
| 28 9  | 931 |         | 12.7 | 10.10.1 +22.21 | - 0.1 | + 1 BJ |
| 28 9  | 856 |         | 12.6 | 10.57.9 +22.0  | + 3.7 | - 6 BJ |
| 28 9  | 2   |         | 6.8  | 10.15.3 - 7.36 | + 0.2 | + 4 BJ |

## Mars

|               |     |  |      |                |      |            |
|---------------|-----|--|------|----------------|------|------------|
| 2 9           | 346 |  | 11.8 | 7.44.2 +28.25  | —    | —          |
| 2 9           | 276 |  | 13.4 | 7.47.3 - 8.32  | —    | —          |
| 15 9          | 734 |  | 13.7 | 9.56.7 +16.56  | 0.0  | - 2 BZ 7   |
| 15 9          | 512 |  | 14.1 | 9.39.7 +23.46  | +3.1 | - 5 BJ     |
| 21 9          | 876 |  | 14.5 | 9.58.3 +13.50  | -1.3 | + 4 BZ 7   |
| 21 9          | 885 |  | 14.8 | 11.44.8 + 3.53 | +1.5 | - 9 BJ     |
| 21 9          | 994 |  | 12.4 | 11.46.6 + 4.1  | -2.8 | +27 BJ     |
| 28 9 Obj.Sch. |     |  | 13.9 | 11.33.0 + 4.0  | 0.0  | - 1 RI 413 |
| 28 9          | 145 |  | 10.8 | 12.0.1 +22.33  | -3.5 | +27 BJ     |
| 28 9          | 307 |  | 13.6 | 11.56.6 +10.0  | +1.4 | - 7 BJ     |
| 28 9          | 1   |  | 7.4  | 12.59.4 +11.22 | -0.1 | + 1 BJ     |
| 30 9          | 40  |  | 10.4 | 12.11.2 + 6.45 | -0.6 | + 6 BJ     |
| 30 9          | 114 |  | 10.8 | 12.19.2 + 1.23 | -3.9 | +19 BJ     |
| 30 9 Obj.Sch. |     |  | 13.9 | 11.30.0 + 3.33 | 0.0  | - 1 RI 413 |

## Avril

|              |     |  |      |                |      |            |
|--------------|-----|--|------|----------------|------|------------|
| 4 9          | 734 |  | 14.2 | 9.48.5 +16.52  | -0.1 | - 2 BZ 7   |
| 4 9 Obj.Sch. |     |  | 13.1 | 11.23.2 + 2.27 | +0.2 | - 1 RI 413 |

## M. SCHAUMASSE (Nice ; équat. coudé)

| Janv. | TU  | Planète | Gr.  | Pos. 1925.0    | Corr. | Ephém. |
|-------|-----|---------|------|----------------|-------|--------|
| 16 9  | 64  |         | 9.8  | 9.45.2 +13.27  | -0.1  | 0 BJ   |
| Févr. |     |         |      |                |       |        |
| 25 9  | 15  |         | 9.2  | 9.42.4 + 2.15  | 0.0   | - 2 BJ |
| 25 9  | 2   |         | 6.8  | 10.17.4 - 8.53 | +0.2  | + 1 BJ |
| 26 9  | 29  |         | 9.0  | 8.40.7 +24.27  | -0.2  | + 4 BJ |
| 26 9  | 111 |         | 10.5 | 9.42.7 +10.10  | -1.1  | + 1 BJ |
| Mars  |     |         |      |                |       |        |
| 11 9  | 192 |         | 10.5 | 9.56.8 +14.11  | -2.3  | -22 BJ |
| 11 9  | 18  |         | 9.8  | 12.1.1 + 7.8   | +0.4  | - 6 BJ |
| 11 9  | 218 |         | 11.0 | 12.9.3 + 2.1   | +2.4  | + 4 BJ |
| 12 0  | 1   |         | 7.3  | 13.12.2 + 9.51 | 0.0   | - 1 BJ |
| 25 9  | 117 |         | 11.5 | 11.53.4 - 4.33 | +0.1  | 0 BJ   |
| 25 9  | 58  |         | 11.4 | 12.6.6 + 2.28  | +1.4  | - 6 BJ |
| 26 0  | 51  |         | 10.0 | 14.26.2 - 6.26 | -0.1  | + 6 BJ |
| 26 9  | 65  |         | 10.5 | 12.41.3 - 1.40 | -1.4  | + 8 BJ |
| 26 9  | 135 |         | 11.2 | 12.13.6 - 2.53 | -0.7  | + 2 BJ |
| Avril |     |         |      |                |       |        |
| 8 9   | 161 |         | 11.2 | 13.11.7 - 7.43 | +0.6  | - 8 BJ |
| 8 9   | 354 |         | 9.4  | 13.12.9 +18.0  | -1.8  | + 5 BJ |
| 9 0   | 13  |         | 9.8  | 15.1.4 -13.40  | -0.3  | 0 BJ   |
| 11 9  | 114 |         | 10.5 | 12.10.7 + 2.42 | -3.6  | +17 BJ |
| 11 9  | 423 |         | 11.0 | 12.38.4 +11.26 | +0.1  | - 1 BJ |
| 14 9  | 26  |         | 10.4 | 15.6.7 -16.46  | -2.2  | + 6 BJ |

EPHEMERIDES D'ASTEROIDES, calculées pour 1925,0 ; 0.h , T. U. par M. RAPIAN

La grandeur et la variation en  $\delta$  correspondant à + 1<sup>m</sup> en AR se rapportent à la première date

| 1931     | <b>68</b> ; 11.0 ; - 3.1 | <b>8</b> ; 10.0 ; -4.5   | <b>21</b> ; 10.4 ; -2.0  | <b>511</b> ; 10.7 ; - 5.9 |
|----------|--------------------------|--------------------------|--------------------------|---------------------------|
|          | h. m. o                  | h. m. o                  | h. m. o                  | h. m. o                   |
| Avril 9  | 16.55.8 -25.8            | 17.14.6 -16.39           | 17.6.1 -21.3             | 16.45.3 -7.0              |
| 17       | 55.6 25.31               | 13.5 16.29               | 8.3 21.8                 | 43.2 6.41                 |
| 25       | 53.6 25.54               | 12.8 16.19               | 8.2 21.13                | 40.0 6.24                 |
| Mai 3    | 16.49.9 -26.15           | 17.8.8 -16.9             | 17.6.1 -21.17            | 16.35.7 -6.8              |
|          | <b>79</b> ; 11.7 ; +0.7  | <b>776</b> ; 11.7 ; -4.3 | <b>478</b> ; 11.6 ; +3.0 | <b>27</b> ; 11.0 ; +0.6   |
| Avril 25 | 18.2.5 -19.4             | 18.6.5 -21.40            | 18.6.4 -17.16            | — —                       |
| Mai 3    | 18.1.7 18.45             | 5.6 22.8                 | 5.3 16.41                | 18.37.8 -22.40            |
| 11       | 17.59.2 18.28            | 18.3.2 22.39             | 18.2.9 16.6              | 36.8 22.43                |
| 19       | 17.55.1 -18.7            | 17.59.2 -23.13           | 17.59.1 -15.30           | 33.9 22.48                |
| 27       | — —                      | — —                      | — —                      | 18.29.3 -22.55            |
|          | <b>39</b> ; 9.9 ; -0.7   | <b>74</b> ; 12.1 ; +1.5  | <b>189</b> ; 12.0 ; +2.1 | <b>11</b> ; 9.3 ; +0.6    |
| Mai 3    | 18.29.6 -9.50            | — —                      | — —                      | — —                       |
| 11       | 29.6 9.22                | 18.56.4 17.45            | 19.4.6 -16.13            | 19.10.5 -18.4             |
| 18       | 27.7 8.57                | 56.1 17.28               | 4.3 15.43                | 12.2 18.1                 |
| 27       | 18.24.3 -8.37            | 54.0 17.14               | 19.2.5 15.21             | 12.0 18.3                 |
| Juin 4   | — —                      | 18.59.1 -17.3            | 18.59.2 -15.6            | 19.9.7 -18.11             |
|          | <b>747</b> ; 11.9 ; -1.8 | <b>226</b> ; 12.2 ; -1.8 | <b>59</b> ; 11.3 ; +1.7  | <b>57</b> ; 11.2 ; +2.3   |
| Mai 19   | 19.32.5 -8.54            | 19.58.7 -5.34            | 20.18.9 -9.3             | 20.23.2 -0.22             |
| 27       | 31.3 8.52                | 20.0.8 5.38              | 19.5 8.42                | 23.1 +0.19                |
| Juin 4   | 28.9 8.56                | 20.1.1 5.56              | 18.6 8.28                | 21.7 +0.53                |
| 12       | 19.25.3 -9.8             | 19.59.4 -6.30            | 20.16.2 -8.22            | 20.19.1 +1.20             |
|          | <b>119</b> ; 10.8 ; +3.3 | <b>409</b> ; 10.8 ; +5.1 | <b>221</b> ; 11.3 ; +0.8 | <b>150</b> ; 11.5 ; +3.8  |
| Juin 4   | 20.28.3 -10.53           | 20.30.3 -7.21            | 20.43.1 -10.43           | 20.42.7 -15.17            |
| 12       | 27.8 10.31               | 29.5 6.27                | 43.0 10.48               | 42.7 15.9                 |
| 20       | 25.6 10.16               | 27.1 5.40                | 41.4 11.1                | 41.1 15.7                 |
| 28       | 20.21.9 -10.9            | 20.22.7 -5.2             | 20.38.4 -11.24           | 20.37.9 15.11             |

Ephéméride de **173** par M. CAUBET

| 1931    | AR              | Décl.       | Gr.  |
|---------|-----------------|-------------|------|
| • h. TU | 1931.0<br>h. m. | 1931.0<br>o |      |
| Mai 27  | 18.12.7         | -4.14       | 11.3 |
| Juin 4  | 7.5             | 4.1         |      |
| 12      | 18.1.2          | 3.57        |      |
| 20      | 17.54.2         | 4.3         | 11.1 |
| 28      | 47.1            | 4.21        |      |
| Juil. 6 | 40.2            | 4.49        |      |
| 14      | 17.34.1         | -5.26       | 11.1 |

Mont-Gros, 15 Avril 1931.

G. FAYET.