

## Observations de planètes et de la comète 1894 I (Denning)

faites à l'Observatoire d'Alger par MM. Rambaud et Sy.

| 1894                        | T. m. d'Alger                                  | $\Delta\alpha$                     | $\Delta\delta$ | Cp.   | Obs. | $\alpha$ app.                                      | $\log p. \Delta$   | $\delta$ app. | $\log p. \Delta$ | Red. ad l. app. | *        |
|-----------------------------|--|------------------------------------|----------------|-------|------|--|--------------------|---------------|------------------|-----------------|----------|
| (171) Ophelia.              |  |                                    |                |       |      |  |                    |               |                  |                 |          |
| Févr. 26                    | 9 <sup>h</sup> 14 <sup>m</sup> 28 <sup>s</sup> | +0 <sup>m</sup> 41 <sup>s</sup> 59 | - 9' 4" 0      | 12.12 | R    | 10 <sup>h</sup> 27 <sup>m</sup> 39 <sup>s</sup> 17 | 9.509 <sub>n</sub> | +13° 7' 23".7 | 0.595            | +1.578 - 5".7   | <i>a</i> |
| 26                          | 9 37 46  | +0 40.64                           | - 8 59.2       | 12.12 | S    | 10 27 38.22  | 9.454 <sub>n</sub> | +13 7 28.5    | 0.583            | +1.78 - 5.7     | <i>a</i> |
| 27                          | 10 7 1   | -0 6.38                            | - 3 57.9       | 18.10 | S    | 10 26 51.20  | 9.348 <sub>n</sub> | +13 12 29.8   | 0.568            | +1.78 - 5.7     | <i>a</i> |
| 27                          | 10 20 0  | -0 6.85                            | - 3 55.5       | 18.10 | R    | 10 26 50.73  | 9.296 <sub>n</sub> | +13 12 32.2   | 0.563            | +1.78 - 5.7     | <i>a</i> |
| (247) Eukrate.              |  |                                    |                |       |      |  |                    |               |                  |                 |          |
| Mars 7                      | 9 25 53  | -0 19.88                           | - 3 14.4       | 4.4   | R    | 11 38 33.02  | 9.421 <sub>n</sub> | +10 37 37.6   | 0.612            | +1.78 - 10.0    | <i>b</i> |
| 7                           | 9 25 53  | -0 19.87                           | - 3 14.8       | 4.4   | S    | 11 38 33.03  | 9.421 <sub>n</sub> | +10 37 37.2   | 0.612            | +1.78 - 10.0    | <i>b</i> |
| 7                           | 9 55 54  | -0 21.35                           | - 3 15.2       | 4.4   | R    | 11 38 31.55  | 9.320 <sub>n</sub> | +10 37 36.8   | 0.603            | +1.78 - 10.0    | <i>b</i> |
| 7                           | 9 55 54  | -0 21.38                           | - 3 14.8       | 4.4   | S    | 11 38 31.52  | 9.320 <sub>n</sub> | +10 37 37.2   | 0.603            | +1.78 - 10.0    | <i>b</i> |
| (161) Athor.                |  |                                    |                |       |      |  |                    |               |                  |                 |          |
| Mars 7                      | 8 52 41  | +0 39.44                           | -13 53.8       | 4.4   | S    | 11 23 13.24  | 9.583 <sub>n</sub> | +12 19 23.1   | 0.625            | +1.82 - 9.1     | <i>c</i> |
| 7                           | 8 52 41  | +0 39.45                           | -13 53.7       | 4.4   | R    | 11 23 13.25  | 9.583 <sub>n</sub> | +12 19 23.2   | 0.625            | +1.82 - 9.1     | <i>c</i> |
| 7                           | 9 19 37  | +0 38.24                           | -13 49.9       | 4.4   | S    | 11 23 12.04  | 9.538 <sub>n</sub> | +12 19 27.0   | 0.611            | +1.82 - 9.1     | <i>c</i> |
| 7                           | 9 19 37  | +0 38.27                           | -13 50.7       | 4.4   | R    | 11 23 12.07  | 9.538 <sub>n</sub> | +12 19 26.2   | 0.611            | +1.82 - 9.1     | <i>c</i> |
| (151) Abundantia.           |  |                                    |                |       |      |  |                    |               |                  |                 |          |
| Avril 7                     | 9 5 33   | -1 37.10                           | +10 45.5       | 4.4   | R    | 13 30 31.65  | 9.563 <sub>n</sub> | - 5 56 12.8   | 0.757            | +1.82 - 14.9    | <i>d</i> |
| 7                           | 9 5 33   | -1 37.02                           | +10 45.4       | 4.4   | S    | 13 30 31.73  | 9.563 <sub>n</sub> | - 5 56 12.9   | 0.757            | +1.82 - 14.9    | <i>d</i> |
| 7                           | 9 55 25  | -1 39.20                           | +10 53.3       | 4.4   | R    | 13 30 29.55  | 9.464 <sub>n</sub> | - 5 56 5.0    | 0.766            | +1.82 - 14.9    | <i>d</i> |
| 7                           | 9 55 25  | -1 39.20                           | +10 53.6       | 4.4   | S    | 13 30 29.55  | 9.464 <sub>n</sub> | - 5 56 4.7    | 0.766            | +1.82 - 14.9    | <i>d</i> |
| 25                          | 10 23 45                                       | +1 5.20                            | + 2 22.3       | 15.10 | S    | 13 13 55.01  | 8.854 <sub>n</sub> | - 5 11 43.6   | 0.770            | +1.92 - 14.7    | <i>e</i> |
| 25                          | 10 39 38                                       | +1 4.55                            | + 2 23.7       | 15.10 | R    | 13 13 54.36  | 8.586 <sub>n</sub> | - 5 11 42.2   | 0.771            | +1.92 - 14.7    | <i>e</i> |
| (85) Io.                    |  |                                    |                |       |      |  |                    |               |                  |                 |          |
| Avril 3                     | 11 12 42                                       | -0 48.56                           | + 6 46.3       | 4.4   | R    | 12 47 19.42  | 8.976 <sub>n</sub> | - 8 22 38.7   | 0.795            | +1.75 - 13.6    | <i>f</i> |
| 3                           | 11 12 42                                       | -0 48.61                           | + 6 46.2       | 4.4   | S    | 12 47 19.37  | 8.976 <sub>n</sub> | - 8 22 38.8   | 0.795            | +1.75 - 13.6    | <i>f</i> |
| 3                           | 12 12 3  | -0 50.81                           | + 7 3.8        | 4.4   | S    | 12 47 17.17  | 8.464              | - 8 22 21.2   | 0.796            | +1.75 - 13.6    | <i>f</i> |
| 3                           | 12 12 3  | -0 50.84                           | + 7 4.0        | 4.4   | R    | 12 47 17.14  | 8.464              | - 8 22 21.0   | 0.796            | +1.75 - 13.6    | <i>f</i> |
| 3                           | 13 1 25  | -0 52.44                           | + 7 21.6       | 4.4   | S    | 12 47 15.54  | 9.117              | - 8 22 3.4    | 0.794            | +1.75 - 13.6    | <i>f</i> |
| 3                           | 13 1 25  | -0 52.44                           | + 7 21.9       | 4.4   | R    | 12 47 15.54  | 9.117              | - 8 22 3.1    | 0.794            | +1.75 - 13.6    | <i>f</i> |
| (56) Melete.                |  |                                    |                |       |      |  |                    |               |                  |                 |          |
| Avril 17                    | 10 5 52  | +0 9.88                            | - 4 7.2        | 15.10 | R    | 14 8 12.65   | 9.434 <sub>n</sub> | - 8 42 49.9   | 0.786            | +1.91 - 15.9    | <i>g</i> |
| 24                          | 11 38 41                                       | +0 36.74                           | - 4 17.6       | 9.9   | R    | 14 2 24.05   | 8.392 <sub>n</sub> | - 7 41 2.6    | 0.791            | +1.98 - 15.7    | <i>h</i> |
| 24                          | 11 49 20                                       | +0 36.22                           | - 4 11.9       | 9.9   | S    | 14 2 23.53   | 7.386 <sub>n</sub> | - 7 40 56.9   | 0.791            | +1.98 - 15.7    | <i>h</i> |
| Comète 1894 I (Denning).    |  |                                    |                |       |      |  |                    |               |                  |                 |          |
| Avril 24                    | 9 58 29  | -0 11.77                           | - 4 3.3        | 16.10 | S    | 11 14 42.78  | 9.076              | +17 49 23.6   | 0.465            | +1.85 - 4.9     | <i>i</i> |
| 24                          | 10 26 37                                       | -0 8.48                            | - 4 28.4       | 16.10 | R    | 11 14 46.07  | 9.249              | +17 48 58.5   | 0.476            | +1.85 - 4.9     | <i>i</i> |
| 25                          | 8 52 41  | +1 58.96                           | + 6 49.3       | 15.10 | R    | 11 16 40.03  | 8.271 <sub>n</sub> | +17 25 54.7   | 0.464            | +1.83 - 4.9     | <i>j</i> |
| 25                          | 9 19 55  | +2 0.95                            | + 6 17.4       | 15.10 | S    | 11 16 42.02  | 8.601              | +17 25 22.8   | 0.465            | +1.83 - 4.9     | <i>j</i> |
| Planète 1894 BB (Charlois). |  |                                    |                |       |      |  |                    |               |                  |                 |          |
| Mars 27                     | 10 23 28                                       | -2 14.57                           | +37 48.7       | 4.4   | S    | 9 23 30.69   | 9.217              | + 4 44 34.6   | 0.673            | +1.44 - 3.9     | <i>k</i> |
| 27                          | 10 23 28                                       | -2 14.54                           | +37 48.9       | 4.4   | R    | 9 23 30.72   | 9.217              | + 4 44 34.8   | 0.673            | +1.44 - 3.9     | <i>k</i> |
| 27                          | 11 12 20                                       | -2 15.11                           | +37 57.7       | 4.4   | S    | 9 23 30.15   | 9.408              | + 4 44 43.6   | 0.678            | +1.44 - 3.9     | <i>k</i> |
| 27                          | 11 12 20                                       | -2 15.10                           | +37 58.4       | 4.4   | R    | 9 23 30.16   | 9.408              | + 4 44 43.3   | 0.678            | +1.44 - 3.9     | <i>k</i> |

Les positions des planètes Eukrate, Athor, Io, 1894 BB (Charlois) et les 4 premières observations de la planète Abundantia résultent de mesures faites sur des clichés photographiques.

Positions moyennes des étoiles de comparaison pour 1894.0.

| *        | $\alpha$                              | $\delta$       | Autorité  | *        | $\alpha$                             | $\delta$       | Autorité                            |
|----------|---------------------------------------|----------------|---|----------|--------------------------------------|----------------|-------------------------------------|
| <i>a</i> | 10 <sup>h</sup> 26 <sup>m</sup> 55.80 | +13° 16' 33".4 | W <sub>1</sub> 10 <sup>h</sup> 433                  | <i>g</i> | 14 <sup>h</sup> 8 <sup>m</sup> 05.86 | - 8° 38' 26".8 | Y <sub>3</sub> 5977                 |
| <i>b</i> | 11 38 51.12                           | +10 41 2.0     | M <sub>1</sub> 7146                                 | <i>h</i> | 14 1 45.33                           | - 7 36 29.3    | W <sub>1</sub> 13 <sup>h</sup> 1051 |
| <i>c</i> | 11 22 31.98                           | +12 33 26.0    | Paris 14010   | <i>i</i> | 11 14 52.70                          | +17 53 31.8    | W <sub>2</sub> 11 <sup>h</sup> 235  |
| <i>d</i> | 13 32 6.93                            | - 6 6 43.4     | W <sub>1</sub> 13 <sup>h</sup> 507                  | <i>j</i> | 11 14 39.24                          | +17 19 10.3    | Ll. 21602                           |
| <i>e</i> | 13 12 47.89                           | - 5 13 51.2    | 1/2 [Sj. 4768 + W <sub>1</sub> 13 <sup>h</sup> 169] | <i>k</i> | 9 25 43.82                           | + 4 6 49.8     | AG. Alb. 3800                       |
| <i>f</i> | 12 48 6.23                            | - 8 29 11.4    | M <sub>1</sub> 8631                                 |          |                                      |                |                                     |

Observations de planètes et de la comète 1894 II

faites à l'Observatoire d'Alger à l'Équatorial coudé de 0<sup>m</sup>318 par MM. *Rambaud* et *Sy*.

| 1894 | T. m. d'Alger | $\Delta\alpha$ | $\Delta\delta$ | Cp. | Obs. | $\alpha$ app. | $\log p.A$ | $\delta$ app. | $\log p.A$ | Red. ad l. app. | * |
|------|---------------|----------------|----------------|-----|------|---------------|------------|---------------|------------|-----------------|---|
|------|---------------|----------------|----------------|-----|------|---------------|------------|---------------|------------|-----------------|---|

Comète 1894 II.

|     |    |  |                       |            |       |   |   |       |                |       |              |          |
|-----|----|--|-----------------------|------------|-------|---|---|-------|----------------|-------|--------------|----------|
| Mai | 2  | 8 <sup>h</sup> 50 <sup>m</sup> 23 <sup>s</sup> | -0 <sup>m</sup> 21.89 | + 9' 25".5 | 18.10 | R | 8 <sup>h</sup> 5 <sup>m</sup> 44 <sup>s</sup> .77 | 9.580 | -11° 17' 28".6 | 0.781 | +0.37 - 4".6 | <i>a</i> |
|     | 2  | 9 7 23   | +0 21.05              | - 0 41.6   | 10.10 | S | 8 5 53.04   | 9.603 | -11 14 43.4    | 0.775 | +0.37 - 4.6  | <i>b</i> |
|     | 4  | 8 23 13  | +0 28.54              | +21 30.4   | 11.11 | S | 8 27 51.53  | 9.498 | - 3 20 28.4    | 0.747 | +0.55 - 3.0  | <i>c</i> |
|     | 4  | 8 35 14  | +0 34.06              | +23 31.3   | 12.10 | R | 8 27 57.05  | 9.522 | - 3 18 27.5    | 0.745 | +0.55 - 3.0  | <i>c</i> |
|     | 8  | 8 35 31  | +2 9.42               | +10 53.1   | 12.12 | S | 9 6 11.66   | 9.481 | +10 22 30.1    | 0.623 | +0.63 + 0.3  | <i>d</i> |
|     | 8  | 8 52 31  | +2 15.54              | +12 57.8   | 12.16 | R | 9 6 17.78   | 9.518 | +10 24 34.8    | 0.629 | +0.63 + 0.3  | <i>d</i> |
|     | 9  | 8 22 22  | +0 20.72              | - 0 51.9   | 12.10 | S | 9 14 21.72  | 9.442 | +13 9 31.0     | 0.581 | +0.96 + 1.0  | <i>e</i> |
|     | 9  | 8 36 4   | +0 25.19              | + 0 41.1   | 12.10 | R | 9 14 26.19  | 9.477 | +13 11 4.0     | 0.587 | +0.96 + 1.0  | <i>e</i> |
|     | 10 | 9 10 37  | -1 10.35              | - 1 32.7   | 12.16 | R | 9 22 23.34  | 9.547 | +15 48 34.1    | 0.598 | +1.04 + 1.6  | <i>f</i> |
|     | 10 | 9 23 56  | -1 6.24               | - 0 8.8    | 12.16 | S | 9 22 27.45  | 9.570 | +15 49 58.0    | 0.581 | +1.04 + 1.6  | <i>f</i> |
|     | 17 | 9 37 20  | +0 37.60              | - 2 13.4   | 9.10  | R | 10 6 13.29  | 9.604 | +28 19 51.2    | 0.381 | +1.40 + 4.3  | <i>g</i> |
|     | 17 | 9 43 33  | +0 38.85              | - 1 50.9   | 8.8   | S | 10 6 14.54  | 9.614 | +28 20 13.7    | 0.393 | +1.40 + 4.3  | <i>g</i> |
|     | 18 | 9 46 8   | -3 22.33              | + 3 39.8   | 12.16 | R | 10 11 17.91                                       | 9.622 | +29 32 12.9    | 0.372 | +1.46 + 4.3  | <i>h</i> |
|     | 18 | 10 5 42  | -3 19.34              | + 4 39.5   | 12.16 | S | 10 11 20.90                                       | 9.650 | +29 33 12.6    | 0.413 | +1.46 + 4.3  | <i>h</i> |
|     | 19 | 10 13 25                                       | -1 54.40              | - 5 11.6   | 12.16 | R | 10 16 10.66                                       | 9.664 | +30 39 6.7     | 0.408 | +1.49 + 4.7  | <i>k</i> |
|     | 19 | 10 27 40                                       | -1 51.90              | - 4 31.2   | 12.16 | S | 10 16 13.16                                       | 9.680 | +30 39 47.1    | 0.440 | +1.49 + 4.7  | <i>k</i> |
|     | 21 | 10 5 0   | +1 41.58              | + 0 57.9   | 12.16 | S | 10 25 5.60  | 9.660 | +32 33 54.4    | 0.348 | +1.53 + 5.1  | <i>l</i> |
|     | 21 | 10 18 55                                       | +1 44.34              | + 1 28.1   | 12.14 | R | 10 25 8.36  | 9.678 | +32 34 24.6    | 0.384 | +1.53 + 5.1  | <i>l</i> |

Planète (354) (1893 A).

|     |   |          |          |          |       |   |             |                    |             |       |             |          |
|-----|---|----------|----------|----------|-------|---|-------------|--------------------|-------------|-------|-------------|----------|
| Mai | 4 | 10 44 22 | -0 25.80 | + 5 9.8  | 18.10 | S | 16 34 12.25 | 9.525 <sub>n</sub> | + 5 48 46.7 | 0.676 | +2.03 -16.9 | <i>m</i> |
|     | 4 | 11 9 21  | -0 26.52 | + 5 16.6 | 12.10 | R | 16 34 11.53 | 9.471 <sub>n</sub> | + 5 48 53.5 | 0.671 | +2.03 -16.9 | <i>m</i> |
|     | 8 | 9 41 56  | +1 3.38  | - 6 2.3  | 12.16 | R | 16 31 28.08 | 9.595 <sub>n</sub> | + 6 6 10.4  | 0.683 | +2.11 -16.5 | <i>n</i> |
|     | 8 | 9 58 38  | +1 2.80  | - 5 58.7 | 12.16 | S | 16 31 27.59 | 9.572 <sub>n</sub> | + 6 6 14.0  | 0.679 | +2.11 -16.5 | <i>n</i> |
|     | 9 | 8 59 52  | +1 15.48 | - 9 45.3 | 12.16 | R | 16 30 45.56 | 9.635 <sub>n</sub> | + 6 10 7.2  | 0.693 | +2.13 -16.3 | <i>o</i> |
|     | 9 | 9 11 9   | +1 15.03 | - 9 42.3 | 12.16 | S | 16 30 45.11 | 9.625 <sub>n</sub> | + 6 10 10.2 | 0.690 | +2.13 -16.3 | <i>o</i> |

(104) Klymene.

|     |    |          |          |          |       |   |            |                    |             |       |             |          |
|-----|----|----------|----------|----------|-------|---|------------|--------------------|-------------|-------|-------------|----------|
| Mai | 10 | 9 56 17  | +0 23.32 | - 7 37.2 | 12.10 | S | 15 8 54.30 | 9.390 <sub>n</sub> | -18 9 46.6  | 0.842 | +2.22 -16.0 | <i>p</i> |
|     | 10 | 10 17 48 | +0 22.68 | - 7 34.3 | 12.10 | R | 15 8 53.66 | 9.310 <sub>n</sub> | -18 9 43.7  | 0.847 | +2.22 -16.0 | <i>p</i> |
|     | 21 | 8 53 16  | -0 24.37 | + 0 10.6 | 17.10 | R | 15 0 30.95 | 9.425 <sub>n</sub> | -17 41 28.2 | 0.836 | +2.29 -16.4 | <i>q</i> |
|     | 21 | 9 13 53  | -0 25.15 | + 0 12.9 | 20.10 | S | 15 0 30.17 | 9.356 <sub>n</sub> | -17 41 25.9 | 0.842 | +2.29 -16.4 | <i>q</i> |

(279) Thule.

|     |    |          |          |          |       |   |             |                    |             |       |             |          |
|-----|----|----------|----------|----------|-------|---|-------------|--------------------|-------------|-------|-------------|----------|
| Mai | 24 | 10 33 28 | +0 46.09 | + 1 43.8 | 18.14 | R | 14 46 1.90  | 8.330 <sub>n</sub> | -14 33 54.7 | 0.839 | +2.25 -16.4 | <i>r</i> |
|     | 24 | 11 3 50  | +0 45.24 | + 1 47.5 | 18.12 | S | 14 46 1.05  | 9.359              | -14 33 51.0 | 0.838 | +2.25 -16.4 | <i>r</i> |
|     | 26 | 10 21 7  | -0 47.92 | + 8 56.1 | 18.12 | R | 14 44 57.42 | 8.695 <sub>n</sub> | -14 29 59.7 | 0.838 | +2.26 -16.4 | <i>s</i> |
|     | 26 | 10 50 39 | -0 48.87 | + 8 58.7 | 15.12 | S | 14 44 56.47 | 9.274              | -14 29 57.5 | 0.838 | +2.26 -16.4 | <i>s</i> |