

| (52768) 1998 OR2 |                 |                 |          |       |      |
|------------------|-----------------|-----------------|----------|-------|------|
| Data 2020        | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|                  | h m s           |                 | ° ' "    |       |      |
| IV 28            | 10 21 11.6      | -14 40 16       | 0.043    | 1.030 | 11.0 |
| 29               | 10 37 05.3      | -20 15 01       | 0.042    | 1.032 | 10.9 |
| 30               | 10 54 28.4      | -25 47 55       | 0.042    | 1.034 | 10.8 |
| V 1              | 11 13 19.8      | -31 07 01       | 0.043    | 1.037 | 10.8 |
| 2                | 11 33 33.0      | -36 01 35       | 0.044    | 1.039 | 10.8 |
| 3                | 11 54 55.3      | -40 23 38       | 0.046    | 1.042 | 10.8 |
| 4                | 12 17 07.6      | -44 08 45       | 0.048    | 1.045 | 10.9 |
| 5                | 12 39 45.5      | -47 15 52       | 0.051    | 1.047 | 11.0 |

| (516) Amherstia |                 |                 |          |       |      |
|-----------------|-----------------|-----------------|----------|-------|------|
| Data 2020       | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|                 | h m s           |                 | ° ' "    |       |      |
| II 20           | 10 51 36.1      | + 3 27 53       | 1.290    | 2.264 | 11.0 |
| III 1           | 10 40 38.9      | + 3 11 20       | 1.248    | 2.237 | 10.7 |
| 11              | 10 29 22.9      | + 2 59 23       | 1.233    | 2.210 | 10.9 |
| 21              | 10 19 17.1      | + 2 48 06       | 1.244    | 2.184 | 11.1 |

| (29) Amphitrite |                 |                 |          |       |      |
|-----------------|-----------------|-----------------|----------|-------|------|
| Data 2020       | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|                 | h m s           |                 | ° ' "    |       |      |
| XI 16           | 10 24 26.3      | +14 51 55       | 2.425    | 2.478 | 10.8 |
| 26              | 10 34 50.8      | +13 55 34       | 2.302    | 2.485 | 10.7 |
| XII 6           | 10 43 30.0      | +13 08 03       | 2.179    | 2.493 | 10.6 |
| 16              | 10 50 07.4      | +12 31 23       | 2.057    | 2.500 | 10.4 |
| 26              | 10 54 24.3      | +12 07 26       | 1.941    | 2.508 | 10.3 |
| I 5             | 10 56 04.5      | +11 57 25       | 1.833    | 2.516 | 10.1 |

| (129) Antigone |                 |                 |          |       |      |
|----------------|-----------------|-----------------|----------|-------|------|
| Data 2020      | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|                | h m s           |                 | ° ' "    |       |      |
| IV 20          | 19 35 09.8      | -10 40 42       | 1.946    | 2.284 | 11.2 |
| 30             | 19 44 40.9      | -10 10 00       | 1.839    | 2.292 | 11.1 |
| V 10           | 19 51 55.9      | - 9 46 14       | 1.737    | 2.301 | 11.0 |
| 20             | 19 56 40.1      | - 9 32 43       | 1.642    | 2.312 | 10.8 |
| 30             | 19 58 39.6      | - 9 32 54       | 1.556    | 2.323 | 10.7 |
| VI 9           | 19 57 49.7      | - 9 49 44       | 1.482    | 2.335 | 10.5 |
| 19             | 19 54 15.8      | -10 24 55       | 1.425    | 2.349 | 10.3 |
| 29             | 19 48 20.4      | -11 18 27       | 1.388    | 2.363 | 10.1 |
| VII 9          | 19 40 49.4      | -12 27 39       | 1.373    | 2.378 | 10.0 |
| 19             | 19 32 42.6      | -13 47 30       | 1.384    | 2.393 | 9.9  |
| 29             | 19 25 09.2      | -15 11 46       | 1.420    | 2.410 | 10.1 |
| VIII 8         | 19 19 12.3      | -16 34 17       | 1.480    | 2.427 | 10.4 |
| 18             | 19 15 34.7      | -17 50 21       | 1.563    | 2.445 | 10.6 |
| 28             | 19 14 41.1      | -18 56 57       | 1.664    | 2.463 | 10.9 |
| IX 7           | 19 16 36.0      | -19 52 31       | 1.781    | 2.482 | 11.1 |

| (737) Arequipa |                 |                 |          |       |      |
|----------------|-----------------|-----------------|----------|-------|------|
| Data 2020      | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|                | h m s           |                 | ° ' "    |       |      |
| VIII 28        | 23 50 48.5      | + 6 32 47       | 1.049    | 2.004 | 11.2 |
| IX 7           | 23 45 54.4      | + 4 31 46       | 1.028    | 2.018 | 10.9 |
| 17             | 23 39 53.0      | + 2 12 45       | 1.029    | 2.033 | 10.7 |
| 27             | 23 34 01.2      | - 0 09 13       | 1.056    | 2.050 | 10.9 |

| (67) Asia |                 |                 |          |       |      |
|-----------|-----------------|-----------------|----------|-------|------|
| Data 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|           | h m s           |                 | ° ' "    |       |      |
| X 7       | 2 14 48.9       | +12 47 00       | 1.286    | 2.244 | 11.2 |
| 17        | 2 06 19.4       | +11 26 58       | 1.276    | 2.265 | 11.0 |
| 27        | 1 57 09.3       | +10 03 44       | 1.293    | 2.285 | 10.8 |
| XI 6      | 1 48 39.7       | + 8 46 48       | 1.336    | 2.306 | 11.2 |

| (5) Astraea |                 |                 |          |       |      |
|-------------|-----------------|-----------------|----------|-------|------|
| Data 2020   | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|             | h m s           |                 | ° ' "    |       |      |
| I 1         | 8 23 25.5       | +14 41 47       | 1.188    | 2.120 | 9.6  |
| 11          | 8 16 16.7       | +15 29 04       | 1.142    | 2.111 | 9.2  |
| 21          | 8 07 27.4       | +16 28 04       | 1.120    | 2.103 | 8.9  |
| 31          | 7 58 25.3       | +17 32 00       | 1.124    | 2.096 | 9.2  |
| II 10       | 7 50 47.7       | +18 33 35       | 1.152    | 2.091 | 9.5  |
| 20          | 7 45 49.8       | +19 27 22       | 1.203    | 2.087 | 9.7  |
| III 1       | 7 44 16.8       | +20 10 03       | 1.272    | 2.084 | 10.0 |
| 11          | 7 46 21.8       | +20 40 08       | 1.356    | 2.083 | 10.2 |
| 21          | 7 51 51.6       | +20 57 10       | 1.451    | 2.083 | 10.4 |
| 31          | 8 00 23.3       | +21 01 05       | 1.554    | 2.084 | 10.6 |
| IV 10       | 8 11 28.2       | +20 51 57       | 1.662    | 2.086 | 10.8 |
| 20          | 8 24 36.0       | +20 30 02       | 1.773    | 2.090 | 11.0 |
| 30          | 8 39 22.0       | +19 55 35       | 1.887    | 2.095 | 11.1 |
| V 10        | 8 55 22.8       | +19 09 03       | 2.000    | 2.101 | 11.2 |

| (230) Athamantis |                 |                 |          |       |      |
|------------------|-----------------|-----------------|----------|-------|------|
| Data 2020        | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|                  | h m s           |                 | ° ' "    |       |      |
| I 1              | 8 28 13.6       | + 5 56 04       | 1.493    | 2.391 | 10.7 |
| 11               | 8 19 18.0       | + 5 40 53       | 1.453    | 2.398 | 10.6 |
| 21               | 8 09 04.7       | + 5 43 40       | 1.439    | 2.405 | 10.4 |
| 31               | 7 58 50.4       | + 6 02 31       | 1.453    | 2.412 | 10.5 |
| II 10            | 7 49 54.8       | + 6 33 22       | 1.493    | 2.418 | 10.7 |
| 20               | 7 43 17.6       | + 7 11 09       | 1.558    | 2.425 | 10.9 |
| III 1            | 7 39 34.9       | + 7 51 00       | 1.643    | 2.431 | 11.1 |

| (28) Bellona |                 |                 |          |       |      |
|--------------|-----------------|-----------------|----------|-------|------|
| Data 2020    | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|              | h m s           | ° ' "           |          |       |      |
| I 1          | 4 55 27.3       | + 9 24 48       | 1.541    | 2.448 | 10.7 |
| 11           | 4 49 31.4       | +10 06 47       | 1.596    | 2.437 | 10.9 |
| 21           | 4 46 20.8       | +10 59 26       | 1.670    | 2.427 | 11.1 |
| 31           | 4 46 11.9       | +11 59 38       | 1.760    | 2.417 | 11.2 |

| (1) Ceres |                 |                 |          |       |     |
|-----------|-----------------|-----------------|----------|-------|-----|
| Data 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m   |
|           | h m s           | ° ' "           |          |       |     |
| V 20      | 22 47 19.5      | -17 24 31       | 2.926    | 2.971 | 9.1 |
| 30        | 22 56 15.3      | -17 12 14       | 2.794    | 2.974 | 9.0 |
| VI 9      | 23 03 45.9      | -17 11 12       | 2.662    | 2.976 | 8.9 |
| 19        | 23 09 39.8      | -17 22 48       | 2.533    | 2.977 | 8.7 |
| 29        | 23 13 43.0      | -17 48 05       | 2.410    | 2.979 | 8.6 |
| VII 9     | 23 15 43.2      | -18 27 16       | 2.296    | 2.980 | 8.4 |
| 19        | 23 15 30.0      | -19 19 33       | 2.195    | 2.981 | 8.3 |
| 29        | 23 12 57.6      | -20 22 35       | 2.111    | 2.982 | 8.1 |
| VIII 8    | 23 08 12.2      | -21 31 58       | 2.048    | 2.982 | 7.9 |
| 18        | 23 01 32.0      | -22 41 49       | 2.009    | 2.982 | 7.7 |
| 28        | 22 53 32.2      | -23 45 08       | 1.996    | 2.982 | 7.7 |
| IX 7      | 22 45 02.6      | -24 35 16       | 2.011    | 2.982 | 7.7 |
| 17        | 22 36 57.1      | -25 07 38       | 2.052    | 2.981 | 7.9 |
| 27        | 22 30 07.7      | -25 19 56       | 2.118    | 2.980 | 8.1 |
| X 7       | 22 25 12.7      | -25 12 29       | 2.206    | 2.979 | 8.3 |
| 17        | 22 22 33.3      | -24 47 16       | 2.310    | 2.978 | 8.4 |
| 27        | 22 22 17.1      | -24 06 46       | 2.429    | 2.976 | 8.6 |
| XI 6      | 22 24 18.6      | -23 13 43       | 2.557    | 2.974 | 8.7 |
| 16        | 22 28 25.6      | -22 10 22       | 2.691    | 2.972 | 8.9 |
| 26        | 22 34 24.2      | -20 58 33       | 2.827    | 2.970 | 9.0 |
| XII 6     | 22 41 57.5      | -19 39 45       | 2.963    | 2.967 | 9.1 |

| (511) Davida |                 |                 |          |       |      |
|--------------|-----------------|-----------------|----------|-------|------|
| Data 2020    | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|              | h m s           | ° ' "           |          |       |      |
| I 1          | 7 59 04.1       | +22 06 43       | 1.657    | 2.611 | 9.9  |
| 11           | 7 50 53.4       | +23 37 22       | 1.640    | 2.620 | 9.6  |
| 21           | 7 42 02.9       | +25 05 01       | 1.651    | 2.629 | 9.7  |
| 31           | 7 33 45.3       | +26 23 16       | 1.691    | 2.639 | 10.0 |
| II 10        | 7 27 09.2       | +27 28 07       | 1.758    | 2.649 | 10.2 |
| 20           | 7 23 00.9       | +28 18 18       | 1.847    | 2.661 | 10.5 |
| III 1        | 7 21 45.1       | +28 54 23       | 1.956    | 2.672 | 10.7 |
| 11           | 7 23 25.9       | +29 17 50       | 2.079    | 2.685 | 10.9 |
| 21           | 7 27 51.1       | +29 30 10       | 2.212    | 2.698 | 11.1 |

| (349) Dembowska |                 |                 |          |       |      |
|-----------------|-----------------|-----------------|----------|-------|------|
| Data 2020       | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|                 | h m s           | ° ' "           |          |       |      |
| III 11          | 15 41 06.4      | -21 09 33       | 2.646    | 3.164 | 11.2 |
| 21              | 15 41 50.2      | -21 35 06       | 2.513    | 3.161 | 11.1 |
| 31              | 15 40 12.3      | -21 54 39       | 2.394    | 3.157 | 10.9 |
| IV 10           | 15 36 13.0      | -22 07 33       | 2.293    | 3.152 | 10.7 |
| 20              | 15 30 04.2      | -22 13 05       | 2.212    | 3.148 | 10.6 |
| 30              | 15 22 12.5      | -22 10 52       | 2.158    | 3.143 | 10.4 |
| V 10            | 15 13 20.9      | -22 01 34       | 2.131    | 3.138 | 10.2 |
| 20              | 15 04 20.0      | -21 46 50       | 2.132    | 3.133 | 10.3 |
| 30              | 14 56 02.4      | -21 29 28       | 2.162    | 3.128 | 10.5 |
| VI 9            | 14 49 13.6      | -21 12 57       | 2.217    | 3.122 | 10.6 |
| 19              | 14 44 23.0      | -21 00 20       | 2.295    | 3.116 | 10.8 |
| 29              | 14 41 47.8      | -20 54 06       | 2.392    | 3.110 | 10.9 |
| VII 9           | 14 41 31.6      | -20 55 39       | 2.503    | 3.104 | 11.1 |
| 19              | 14 43 29.1      | -21 05 21       | 2.624    | 3.097 | 11.2 |

| (78) Diana |                 |                 |          |       |      |
|------------|-----------------|-----------------|----------|-------|------|
| Data 2020  | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|            | h m s           | ° ' "           |          |       |      |
| II 20      | 11 59 25.7      | - 4 03 27       | 1.265    | 2.172 | 11.1 |
| III 1      | 11 51 27.0      | - 4 16 20       | 1.229    | 2.187 | 10.9 |
| 11         | 11 41 47.0      | - 4 13 46       | 1.217    | 2.204 | 10.6 |
| 21         | 11 31 46.2      | - 4 00 16       | 1.231    | 2.221 | 10.7 |
| 31         | 11 22 49.1      | - 3 42 03       | 1.270    | 2.239 | 11.0 |

| (60) Echo |                 |                 |          |       |      |
|-----------|-----------------|-----------------|----------|-------|------|
| Data 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|           | h m s           | ° ' "           |          |       |      |
| XII 16    | 9 17 58.9       | + 9 48 15       | 1.217    | 1.956 | 11.1 |
| 26        | 9 19 07.0       | + 9 24 46       | 1.140    | 1.961 | 10.8 |
| I 5       | 9 16 41.3       | + 9 22 22       | 1.077    | 1.968 | 10.6 |

| (13) Egeria |                 |                 |          |       |      |
|-------------|-----------------|-----------------|----------|-------|------|
| Data 2020   | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|             | h m s           | ° ' "           |          |       |      |
| X 17        | 6 21 06.5       | +33 31 14       | 1.913    | 2.428 | 11.2 |
| 27          | 6 26 28.4       | +35 01 27       | 1.794    | 2.421 | 11.0 |
| XI 6        | 6 28 38.5       | +36 40 01       | 1.687    | 2.414 | 10.8 |
| 16          | 6 27 06.5       | +38 24 43       | 1.595    | 2.407 | 10.5 |
| 26          | 6 21 34.9       | +40 10 01       | 1.521    | 2.401 | 10.3 |
| XII 6       | 6 12 15.6       | +41 47 15       | 1.470    | 2.396 | 10.1 |
| 16          | 5 59 58.6       | +43 06 09       | 1.443    | 2.390 | 10.0 |
| 26          | 5 46 23.4       | +43 58 17       | 1.443    | 2.385 | 10.0 |
| I 5         | 5 33 35.3       | +44 20 58       | 1.469    | 2.380 | 10.2 |

| (354) Eleonora |                 |                 |          |       |      |
|----------------|-----------------|-----------------|----------|-------|------|
| Data 2020      | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|                | h m s           | ° ' "           |          |       |      |
| I 11           | 13 46 31.1      | + 2 40 12       | 2.394    | 2.529 | 11.2 |
| 21             | 13 57 47.1      | + 3 05 13       | 2.274    | 2.536 | 11.1 |
| 31             | 14 07 25.9      | + 3 48 14       | 2.156    | 2.543 | 10.9 |
| II 10          | 14 15 09.6      | + 4 49 43       | 2.045    | 2.551 | 10.8 |
| 20             | 14 20 41.1      | + 6 09 07       | 1.941    | 2.559 | 10.7 |
| III 1          | 14 23 42.9      | + 7 44 32       | 1.850    | 2.568 | 10.5 |
| 11             | 14 24 05.5      | + 9 31 41       | 1.775    | 2.577 | 10.4 |
| 21             | 14 21 48.9      | +11 24 05       | 1.718    | 2.586 | 10.3 |
| 31             | 14 17 07.3      | +13 13 02       | 1.682    | 2.596 | 10.2 |
| IV 10          | 14 10 35.7      | +14 48 29       | 1.671    | 2.606 | 10.1 |
| 20             | 14 03 03.2      | +16 01 39       | 1.684    | 2.616 | 10.1 |
| 30             | 13 55 28.3      | +16 46 14       | 1.721    | 2.626 | 10.3 |
| V 10           | 13 48 48.5      | +16 59 55       | 1.781    | 2.637 | 10.4 |
| 20             | 13 43 46.1      | +16 44 12       | 1.859    | 2.648 | 10.6 |
| 30             | 13 40 48.4      | +16 02 44       | 1.953    | 2.659 | 10.7 |
| VI 9           | 13 40 06.1      | +15 00 28       | 2.060    | 2.670 | 10.9 |
| 19             | 13 41 36.2      | +13 42 20       | 2.177    | 2.681 | 11.0 |
| 29             | 13 45 10.6      | +12 12 30       | 2.301    | 2.693 | 11.2 |

| (15) Eumonia |                 |                 |          |       |      |
|--------------|-----------------|-----------------|----------|-------|------|
| Data 2020    | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|              | h m s           | ° ' "           |          |       |      |
| X 17         | 8 18 46.9       | +23 06 34       | 2.286    | 2.366 | 10.0 |
| 27           | 8 29 41.8       | +22 05 05       | 2.178    | 2.385 | 9.9  |
| XI 6         | 8 38 24.1       | +21 05 57       | 2.069    | 2.404 | 9.8  |
| 16           | 8 44 36.3       | +20 10 59       | 1.961    | 2.423 | 9.7  |
| 26           | 8 47 59.7       | +19 21 54       | 1.859    | 2.442 | 9.5  |
| XII 6        | 8 48 20.0       | +18 39 56       | 1.765    | 2.462 | 9.3  |
| 16           | 8 45 27.7       | +18 05 49       | 1.683    | 2.481 | 9.2  |
| 26           | 8 39 27.8       | +17 39 25       | 1.620    | 2.501 | 9.0  |
| I 5          | 8 30 48.8       | +17 19 32       | 1.579    | 2.521 | 8.8  |

| (52) Europa |                 |                 |          |       |      |
|-------------|-----------------|-----------------|----------|-------|------|
| Data 2020   | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|             | h m s           | ° ' "           |          |       |      |
| XI 6        | 6 56 22.1       | +16 09 20       | 2.152    | 2.782 | 11.1 |
| 16          | 6 56 37.0       | +16 05 13       | 2.038    | 2.777 | 10.9 |
| 26          | 6 54 12.7       | +16 08 15       | 1.941    | 2.773 | 10.7 |
| XII 6       | 6 49 17.4       | +16 19 16       | 1.863    | 2.769 | 10.5 |
| 16          | 6 42 14.3       | +16 38 11       | 1.810    | 2.766 | 10.3 |
| 26          | 6 33 47.9       | +17 04 01       | 1.784    | 2.763 | 10.0 |
| I 5         | 6 24 59.2       | +17 34 58       | 1.787    | 2.760 | 10.1 |

| (79) Eurynome |                 |                 |          |       |      |
|---------------|-----------------|-----------------|----------|-------|------|
| Data 2020     | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|               | h m s           | ° ' "           |          |       |      |
| X 17          | 5 39 05.4       | +19 34 57       | 1.305    | 1.986 | 11.1 |
| 27            | 5 43 20.4       | +18 56 08       | 1.222    | 1.991 | 10.9 |
| XI 6          | 5 43 47.8       | +18 13 53       | 1.151    | 1.997 | 10.6 |
| 16            | 5 40 23.4       | +17 30 29       | 1.096    | 2.004 | 10.4 |
| 26            | 5 33 33.3       | +16 48 44       | 1.060    | 2.013 | 10.2 |
| XII 6         | 5 24 22.7       | +16 11 46       | 1.046    | 2.023 | 10.0 |
| 16            | 5 14 23.2       | +15 42 50       | 1.056    | 2.034 | 10.0 |
| 26            | 5 05 20.4       | +15 24 59       | 1.092    | 2.047 | 10.2 |
| I 5           | 4 58 41.2       | +15 19 48       | 1.150    | 2.060 | 10.5 |

| (27) Euterpe |                 |                 |          |       |      |
|--------------|-----------------|-----------------|----------|-------|------|
| Data 2020    | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|              | h m s           | ° ' "           |          |       |      |
| I 1          | 11 56 06.2      | + 2 13 37       | 1.662    | 2.093 | 10.9 |
| 11           | 12 03 38.3      | + 1 36 41       | 1.564    | 2.110 | 10.8 |
| 21           | 12 08 26.6      | + 1 18 11       | 1.473    | 2.128 | 10.6 |
| 31           | 12 10 09.6      | + 1 20 03       | 1.390    | 2.146 | 10.4 |
| II 10        | 12 08 36.5      | + 1 42 47       | 1.321    | 2.165 | 10.2 |
| 20           | 12 03 52.4      | + 2 24 47       | 1.269    | 2.184 | 10.0 |
| III 1        | 11 56 25.6      | + 3 21 42       | 1.238    | 2.203 | 9.7  |
| 11           | 11 47 16.6      | + 4 25 48       | 1.232    | 2.223 | 9.5  |
| 21           | 11 37 43.4      | + 5 27 51       | 1.252    | 2.242 | 9.6  |
| 31           | 11 29 07.8      | + 6 19 14       | 1.298    | 2.262 | 9.9  |
| IV 10        | 11 22 37.0      | + 6 53 47       | 1.368    | 2.282 | 10.2 |
| 20           | 11 18 47.0      | + 7 09 03       | 1.458    | 2.301 | 10.5 |
| 30           | 11 17 50.1      | + 7 05 03       | 1.564    | 2.321 | 10.8 |
| V 10         | 11 19 39.2      | + 6 43 22       | 1.684    | 2.341 | 11.0 |

| (37) Fides |                 |                 |          |       |      |
|------------|-----------------|-----------------|----------|-------|------|
| Data 2020  | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|            | h m s           | ° ' "           |          |       |      |
| I 1        | 9 33 40.0       | +19 02 28       | 1.479    | 2.320 | 10.7 |
| 11         | 9 28 27.9       | +19 31 57       | 1.424    | 2.335 | 10.5 |
| 21         | 9 20 34.2       | +20 08 17       | 1.392    | 2.351 | 10.3 |
| 31         | 9 10 56.1       | +20 45 07       | 1.385    | 2.368 | 10.1 |
| II 10      | 9 00 56.2       | +21 15 47       | 1.406    | 2.385 | 10.2 |
| 20         | 8 51 57.6       | +21 35 39       | 1.454    | 2.402 | 10.5 |
| III 1      | 8 45 09.2       | +21 42 37       | 1.527    | 2.419 | 10.8 |
| 11         | 8 41 13.2       | +21 36 47       | 1.620    | 2.437 | 11.1 |

| (8) Flora |                 |                 |          |       |      |
|-----------|-----------------|-----------------|----------|-------|------|
| Data 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|           | h m s           | ° ' "           |          |       |      |
| VI 29     | 1 17 26.4       | + 2 37 35       | 1.872    | 1.946 | 10.4 |
| VII 9     | 1 35 08.1       | + 3 50 44       | 1.762    | 1.933 | 10.3 |
| 19        | 1 52 06.9       | + 4 53 18       | 1.652    | 1.920 | 10.2 |
| 29        | 2 08 07.7       | + 5 43 42       | 1.544    | 1.909 | 10.0 |
| VIII 8    | 2 22 53.7       | + 6 20 45       | 1.439    | 1.899 | 9.8  |
| 18        | 2 36 03.0       | + 6 43 21       | 1.337    | 1.889 | 9.6  |
| 28        | 2 47 07.3       | + 6 50 34       | 1.239    | 1.881 | 9.4  |
| IX 7      | 2 55 37.6       | + 6 42 21       | 1.148    | 1.874 | 9.2  |
| 17        | 3 01 01.4       | + 6 19 10       | 1.066    | 1.868 | 9.0  |
| 27        | 3 02 49.2       | + 5 42 53       | 0.995    | 1.864 | 8.7  |
| X 7       | 3 00 48.7       | + 4 57 35       | 0.938    | 1.861 | 8.4  |
| 17        | 2 55 10.3       | + 4 09 18       | 0.898    | 1.859 | 8.2  |
| 27        | 2 46 44.8       | + 3 26 44       | 0.878    | 1.858 | 8.0  |
| XI 6      | 2 37 03.1       | + 2 59 12       | 0.880    | 1.859 | 8.0  |
| 16        | 2 27 50.8       | + 2 53 47       | 0.905    | 1.861 | 8.2  |
| 26        | 2 20 47.7       | + 3 14 06       | 0.950    | 1.865 | 8.5  |
| XII 6     | 2 16 57.6       | + 3 59 13       | 1.014    | 1.869 | 8.7  |
| 16        | 2 16 44.3       | + 5 05 19       | 1.093    | 1.875 | 9.0  |
| 26        | 2 20 06.4       | + 6 27 48       | 1.184    | 1.882 | 9.3  |
| I 5       | 2 26 43.5       | + 8 01 41       | 1.285    | 1.891 | 9.5  |

| (19) Fortuna |                 |                 |          |       |      |
|--------------|-----------------|-----------------|----------|-------|------|
| Data 2020    | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|              | h m s           | ° ' "           |          |       |      |
| VII 9        | 23 30 28.6      | - 1 05 08       | 1.617    | 2.235 | 11.1 |
| 19           | 23 35 04.9      | - 0 30 35       | 1.502    | 2.219 | 10.9 |
| 29           | 23 37 08.5      | - 0 13 01       | 1.397    | 2.204 | 10.6 |
| VIII 8       | 23 36 26.8      | - 0 14 26       | 1.306    | 2.189 | 10.4 |
| 18           | 23 32 55.9      | - 0 35 52       | 1.231    | 2.175 | 10.1 |
| 28           | 23 26 53.0      | - 1 16 15       | 1.176    | 2.161 | 9.8  |
| IX 7         | 23 19 03.4      | - 2 11 03       | 1.143    | 2.149 | 9.4  |
| 17           | 23 10 33.8      | - 3 13 04       | 1.135    | 2.136 | 9.4  |
| 27           | 23 02 45.9      | - 4 13 08       | 1.152    | 2.125 | 9.7  |
| X 7          | 22 56 53.8      | - 5 02 39       | 1.191    | 2.114 | 10.0 |
| 17           | 22 53 46.7      | - 5 35 46       | 1.249    | 2.104 | 10.2 |
| 27           | 22 53 49.7      | - 5 49 16       | 1.324    | 2.095 | 10.5 |
| XI 6         | 22 57 01.8      | - 5 42 34       | 1.412    | 2.087 | 10.7 |
| 16           | 23 03 07.6      | - 5 16 43       | 1.509    | 2.080 | 10.9 |
| 26           | 23 11 47.2      | - 4 33 15       | 1.612    | 2.074 | 11.1 |
| XII 6        | 23 22 36.1      | - 3 34 19       | 1.720    | 2.069 | 11.2 |

| (40) Harmonia |                 |                 |          |       |      |
|---------------|-----------------|-----------------|----------|-------|------|
| Data 2020     | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|               | h m s           | ° ' "           |          |       |      |
| III 1         | 14 39 29.4      | - 9 33 24       | 1.714    | 2.370 | 11.1 |
| 11            | 14 40 37.4      | - 9 20 17       | 1.607    | 2.368 | 10.9 |
| 21            | 14 38 43.7      | - 8 54 42       | 1.514    | 2.366 | 10.6 |
| 31            | 14 33 48.3      | - 8 18 18       | 1.440    | 2.364 | 10.4 |
| IV 10         | 14 26 16.2      | - 7 34 33       | 1.388    | 2.362 | 10.1 |
| 20            | 14 16 55.2      | - 6 48 25       | 1.360    | 2.359 | 9.9  |
| 30            | 14 06 54.1      | - 6 06 09       | 1.359    | 2.357 | 9.9  |
| V 10          | 13 57 31.3      | - 5 34 07       | 1.383    | 2.354 | 10.2 |
| 20            | 13 49 51.8      | - 5 16 50       | 1.432    | 2.351 | 10.4 |
| 30            | 13 44 41.3      | - 5 16 44       | 1.501    | 2.347 | 10.6 |
| VI 9          | 13 42 21.3      | - 5 34 04       | 1.586    | 2.344 | 10.9 |
| 19            | 13 42 51.9      | - 6 07 17       | 1.683    | 2.340 | 11.1 |
| 29            | 13 46 04.1      | - 6 54 20       | 1.790    | 2.336 | 11.2 |

| (6) Hebe  |                 |                 |          |       |      |
|-----------|-----------------|-----------------|----------|-------|------|
| Data 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|           | h m s           | ° ' "           |          |       |      |
| I 1       | 13 20 28.4      | + 1 48 51       | 2.842    | 2.875 | 11.2 |
| 11        | 13 29 03.3      | + 1 53 33       | 2.708    | 2.882 | 11.1 |
| 21        | 13 36 07.0      | + 2 13 10       | 2.574    | 2.889 | 10.9 |
| 31        | 13 41 23.4      | + 2 48 49       | 2.443    | 2.895 | 10.8 |
| II 10     | 13 44 37.0      | + 3 40 48       | 2.319    | 2.900 | 10.7 |
| 20        | 13 45 34.9      | + 4 48 31       | 2.207    | 2.904 | 10.5 |
| III 1     | 13 44 07.7      | + 6 09 57       | 2.110    | 2.908 | 10.3 |
| 11        | 13 40 17.2      | + 7 40 53       | 2.033    | 2.912 | 10.2 |
| 21        | 13 34 18.1      | + 9 15 17       | 1.980    | 2.914 | 10.0 |
| 31        | 13 26 40.2      | + 10 45 25      | 1.954    | 2.916 | 9.9  |
| IV 10     | 13 18 10.3      | + 12 03 12      | 1.955    | 2.917 | 9.9  |
| 20        | 13 09 41.2      | + 13 02 10      | 1.985    | 2.917 | 10.1 |
| 30        | 13 02 04.7      | + 13 38 19      | 2.039    | 2.917 | 10.2 |
| V 10      | 12 56 03.1      | + 13 50 42      | 2.116    | 2.916 | 10.4 |
| 20        | 12 52 01.3      | + 13 40 53      | 2.211    | 2.914 | 10.5 |
| 30        | 12 50 11.2      | + 13 11 36      | 2.319    | 2.912 | 10.7 |
| VI 9      | 12 50 32.3      | + 12 26 14      | 2.438    | 2.908 | 10.8 |
| 19        | 12 52 55.8      | + 11 28 03      | 2.562    | 2.905 | 11.0 |
| 29        | 12 57 11.2      | + 10 19 46      | 2.689    | 2.900 | 11.1 |
| VII 9     | 13 03 05.2      | + 9 03 49       | 2.816    | 2.895 | 11.2 |

| (532) Herculina |                 |                 |          |       |      |
|-----------------|-----------------|-----------------|----------|-------|------|
| Data 2020       | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|                 | h m s           | ° ' "           |          |       |      |
| III 21          | 18 43 09.9      | - 14 40 56      | 2.530    | 2.555 | 10.8 |
| 31              | 18 53 53.6      | - 14 39 25      | 2.418    | 2.573 | 10.7 |
| IV 10           | 19 02 49.0      | - 14 39 45      | 2.305    | 2.591 | 10.6 |
| 20              | 19 09 42.6      | - 14 44 14      | 2.192    | 2.609 | 10.5 |
| 30              | 19 14 18.4      | - 14 55 17      | 2.084    | 2.627 | 10.4 |
| V 10            | 19 16 23.7      | - 15 15 12      | 1.983    | 2.645 | 10.3 |
| 20              | 19 15 48.9      | - 15 45 42      | 1.893    | 2.664 | 10.1 |
| 30              | 19 12 30.7      | - 16 27 44      | 1.818    | 2.682 | 9.9  |
| VI 9            | 19 06 41.2      | - 17 20 49      | 1.762    | 2.701 | 9.8  |
| 19              | 18 58 47.3      | - 18 22 48      | 1.730    | 2.719 | 9.6  |
| 29              | 18 49 34.6      | - 19 30 10      | 1.724    | 2.737 | 9.4  |
| VII 9           | 18 40 04.3      | - 20 38 40      | 1.745    | 2.756 | 9.5  |
| 19              | 18 31 18.0      | - 21 44 24      | 1.794    | 2.774 | 9.7  |
| 29              | 18 24 11.1      | - 22 44 45      | 1.869    | 2.792 | 10.0 |
| VIII 8          | 18 19 22.3      | - 23 38 25      | 1.967    | 2.810 | 10.2 |
| 18              | 18 17 09.7      | - 24 25 05      | 2.083    | 2.828 | 10.4 |
| 28              | 18 17 38.1      | - 25 05 01      | 2.214    | 2.845 | 10.6 |
| IX 7            | 18 20 39.8      | - 25 38 32      | 2.356    | 2.863 | 10.8 |
| 17              | 18 26 00.5      | - 26 05 53      | 2.505    | 2.880 | 11.0 |
| 27              | 18 33 25.4      | - 26 27 07      | 2.659    | 2.897 | 11.1 |
| X 7             | 18 42 36.9      | - 26 42 11      | 2.814    | 2.914 | 11.2 |

| (69) Hesperia |                 |                 |          |       |      |
|---------------|-----------------|-----------------|----------|-------|------|
| Data 2020     | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|               | h m s           | ° ' "           |          |       |      |
| I 1           | 6 29 02.7       | + 9 08 30       | 1.519    | 2.484 | 10.4 |
| 11            | 6 20 40.1       | + 9 26 38       | 1.533    | 2.479 | 10.5 |
| 21            | 6 13 39.5       | + 9 57 25       | 1.572    | 2.476 | 10.7 |
| 31            | 6 08 54.2       | + 10 37 46      | 1.635    | 2.473 | 10.9 |
| II 10         | 6 06 56.5       | + 11 23 57      | 1.717    | 2.471 | 11.1 |

| (10) Hygiea |                 |                 |          |       |      |
|-------------|-----------------|-----------------|----------|-------|------|
| Data 2020   | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|             | h m s           | ° ' "           |          |       |      |
| XI 26       | 9 07 42.8       | + 15 16 58      | 2.813    | 3.271 | 11.1 |
| XII 6       | 9 09 06.6       | + 14 59 10      | 2.671    | 3.262 | 11.0 |
| 16          | 9 08 21.0       | + 14 50 05      | 2.540    | 3.252 | 10.8 |
| 26          | 9 05 22.5       | + 14 50 13      | 2.427    | 3.242 | 10.6 |
| I 5         | 9 00 18.4       | + 14 59 06      | 2.334    | 3.232 | 10.4 |

| (85) Io   |                 |                 |          |       |      |
|-----------|-----------------|-----------------|----------|-------|------|
| Data 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|           | h m s           | ° ' "           |          |       |      |
| V 20      | 17 46 01.6      | - 7 50 43       | 1.471    | 2.395 | 11.1 |
| 30        | 17 39 37.8      | - 6 38 18       | 1.409    | 2.376 | 10.9 |
| VI 9      | 17 31 32.6      | - 5 37 55       | 1.370    | 2.356 | 10.7 |
| 19        | 17 22 45.4      | - 4 54 32       | 1.356    | 2.338 | 10.7 |
| 29        | 17 14 26.6      | - 4 31 38       | 1.365    | 2.319 | 10.8 |
| VII 9     | 17 07 42.6      | - 4 30 03       | 1.396    | 2.302 | 11.0 |
| 19        | 17 03 20.3      | - 4 48 01       | 1.445    | 2.285 | 11.1 |

| (14) Irene |                 |                 |          |       |      |
|------------|-----------------|-----------------|----------|-------|------|
| Data 2020  | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|            | h m s           | ° ' "           |          |       |      |
| X 27       | 8 27 55.2       | +21 37 38       | 2.264    | 2.468 | 11.2 |
| XI 6       | 8 38 53.5       | +21 36 05       | 2.120    | 2.451 | 11.0 |
| 16         | 8 48 05.9       | +21 43 48       | 1.978    | 2.433 | 10.8 |
| 26         | 8 55 11.1       | +22 03 43       | 1.842    | 2.415 | 10.6 |
| XII 6      | 8 59 47.8       | +22 38 18       | 1.715    | 2.398 | 10.4 |
| 16         | 9 01 32.6       | +23 29 12       | 1.600    | 2.381 | 10.1 |
| 26         | 9 00 08.1       | +24 36 09       | 1.501    | 2.364 | 9.9  |
| I 5        | 8 55 31.6       | +25 55 48       | 1.423    | 2.348 | 9.6  |

| (7) Iris  |                 |                 |          |       |      |
|-----------|-----------------|-----------------|----------|-------|------|
| Data 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|           | h m s           | ° ' "           |          |       |      |
| III 21    | 18 32 44.7      | -23 29 27       | 2.749    | 2.808 | 11.0 |
| 31        | 18 42 18.3      | -23 10 00       | 2.596    | 2.794 | 10.8 |
| IV 10     | 18 50 08.2      | -22 49 04       | 2.444    | 2.779 | 10.7 |
| 20        | 18 55 58.8      | -22 27 47       | 2.294    | 2.763 | 10.5 |
| 30        | 18 59 31.8      | -22 07 09       | 2.151    | 2.747 | 10.3 |
| V 10      | 19 00 31.8      | -21 48 04       | 2.016    | 2.729 | 10.1 |
| 20        | 18 58 46.7      | -21 31 01       | 1.895    | 2.712 | 9.9  |
| 30        | 18 54 11.3      | -21 16 04       | 1.791    | 2.693 | 9.7  |
| VI 9      | 18 46 58.0      | -21 02 45       | 1.708    | 2.674 | 9.4  |
| 19        | 18 37 36.6      | -20 50 12       | 1.650    | 2.654 | 9.1  |
| 29        | 18 26 59.1      | -20 37 41       | 1.618    | 2.634 | 8.8  |
| VII 9     | 18 16 15.3      | -20 25 02       | 1.613    | 2.612 | 9.1  |
| 19        | 18 06 34.4      | -20 12 45       | 1.635    | 2.591 | 9.3  |
| 29        | 17 58 57.2      | -20 01 56       | 1.680    | 2.569 | 9.5  |
| VIII 8    | 17 54 03.8      | -19 53 34       | 1.745    | 2.546 | 9.6  |
| 18        | 17 52 10.8      | -19 48 06       | 1.826    | 2.523 | 9.8  |
| 28        | 17 53 20.9      | -19 45 18       | 1.918    | 2.499 | 10.0 |
| IX 7      | 17 57 23.6      | -19 44 15       | 2.018    | 2.475 | 10.1 |
| 17        | 18 04 03.0      | -19 43 35       | 2.121    | 2.450 | 10.2 |
| 27        | 18 13 03.0      | -19 41 46       | 2.226    | 2.425 | 10.3 |
| X 7       | 18 24 05.2      | -19 37 06       | 2.329    | 2.400 | 10.4 |

| (42) Isis |                 |                 |          |       |      |
|-----------|-----------------|-----------------|----------|-------|------|
| Data 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|           | h m s           | ° ' "           |          |       |      |
| IV 20     | 16 31 03.7      | -14 35 54       | 1.442    | 2.312 | 11.0 |
| 30        | 16 26 27.7      | -14 38 00       | 1.349    | 2.287 | 10.7 |
| V 10      | 16 18 57.3      | -14 42 11       | 1.277    | 2.262 | 10.4 |
| 20        | 16 09 13.9      | -14 50 03       | 1.229    | 2.237 | 10.0 |
| 30        | 15 58 27.3      | -15 03 21       | 1.206    | 2.212 | 10.1 |
| VI 9      | 15 48 05.6      | -15 23 53       | 1.208    | 2.188 | 10.3 |
| 19        | 15 39 29.4      | -15 52 56       | 1.233    | 2.164 | 10.5 |
| 29        | 15 33 41.6      | -16 31 21       | 1.277    | 2.140 | 10.7 |
| VII 9     | 15 31 16.7      | -17 19 08       | 1.336    | 2.117 | 10.9 |
| 19        | 15 32 22.4      | -18 15 12       | 1.407    | 2.095 | 11.0 |
| 29        | 15 36 53.6      | -19 18 05       | 1.487    | 2.073 | 11.2 |

| (139) Juewa |                 |                 |          |       |      |
|-------------|-----------------|-----------------|----------|-------|------|
| Data 2020   | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|             | h m s           | ° ' "           |          |       |      |
| I 11        | 9 15 01.2       | +32 04 50       | 1.480    | 2.402 | 11.2 |
| 21          | 9 05 58.6       | +32 37 39       | 1.433    | 2.389 | 11.0 |
| 31          | 8 55 08.1       | +32 55 10       | 1.413    | 2.377 | 10.9 |
| II 10       | 8 44 04.6       | +32 51 12       | 1.419    | 2.366 | 11.0 |
| 20          | 8 34 23.8       | +32 24 10       | 1.450    | 2.355 | 11.2 |

| (3) Juno  |                 |                 |          |       |      |
|-----------|-----------------|-----------------|----------|-------|------|
| Data 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|           | h m s           | ° ' "           |          |       |      |
| I 1       | 13 05 36.4      | - 5 09 00       | 2.805    | 2.851 | 10.6 |
| 11        | 13 13 18.3      | - 5 21 01       | 2.685    | 2.875 | 10.6 |
| 21        | 13 19 18.1      | - 5 19 06       | 2.565    | 2.899 | 10.5 |
| 31        | 13 23 20.7      | - 5 01 56       | 2.448    | 2.922 | 10.4 |
| II 10     | 13 25 13.9      | - 4 28 40       | 2.338    | 2.945 | 10.2 |
| 20        | 13 24 49.9      | - 3 39 18       | 2.240    | 2.967 | 10.1 |
| III 1     | 13 22 06.8      | - 2 34 46       | 2.158    | 2.989 | 10.0 |
| 11        | 13 17 16.3      | - 1 17 58       | 2.099    | 3.010 | 9.8  |
| 21        | 13 10 43.2      | + 0 06 28       | 2.064    | 3.030 | 9.7  |
| 31        | 13 03 05.1      | + 1 32 19       | 2.058    | 3.050 | 9.5  |
| IV 10     | 12 55 10.9      | + 2 52 36       | 2.082    | 3.070 | 9.6  |
| 20        | 12 47 48.1      | + 4 01 17       | 2.135    | 3.088 | 9.8  |
| 30        | 12 41 38.2      | + 4 54 04       | 2.215    | 3.107 | 10.0 |
| V 10      | 12 37 10.8      | + 5 28 50       | 2.317    | 3.124 | 10.2 |
| 20        | 12 34 39.5      | + 5 45 42       | 2.438    | 3.141 | 10.4 |
| 30        | 12 34 08.5      | + 5 45 51       | 2.573    | 3.157 | 10.6 |
| VI 9      | 12 35 32.7      | + 5 31 17       | 2.718    | 3.173 | 10.8 |
| 19        | 12 38 41.9      | + 5 04 17       | 2.869    | 3.188 | 10.9 |
| 29        | 12 43 25.3      | + 4 26 54       | 3.024    | 3.203 | 11.0 |
| VII 9     | 12 49 30.9      | + 3 41 08       | 3.177    | 3.216 | 11.1 |

| (22) Kalliope |                 |                 |          |       |      |
|---------------|-----------------|-----------------|----------|-------|------|
| Data 2020     | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|               | h m s           | ° ' "           |          |       |      |
| VII 29        | 0 10 36.8       | -19 19 00       | 2.107    | 2.857 | 11.2 |
| VIII 8        | 0 09 35.9       | -20 18 14       | 2.013    | 2.847 | 11.0 |
| 18            | 0 06 08.5       | -21 23 39       | 1.937    | 2.837 | 10.8 |
| 28            | 0 00 24.5       | -22 28 54       | 1.883    | 2.827 | 10.6 |
| IX 7          | 23 52 53.2      | -23 26 12       | 1.854    | 2.818 | 10.5 |
| 17            | 23 44 19.2      | -24 08 10       | 1.850    | 2.808 | 10.5 |
| 27            | 23 35 40.8      | -24 28 49       | 1.872    | 2.798 | 10.6 |
| X 7           | 23 27 58.1      | -24 25 17       | 1.919    | 2.789 | 10.8 |
| 17            | 23 21 58.6      | -23 57 53       | 1.987    | 2.780 | 10.9 |
| 27            | 23 18 15.1      | -23 08 55       | 2.073    | 2.771 | 11.1 |
| XI 6          | 23 17 00.7      | -22 02 01       | 2.174    | 2.762 | 11.2 |

| (97) Klotho |                 |                 |          |       |      |
|-------------|-----------------|-----------------|----------|-------|------|
| Data 2020   | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|             | h m s           | ° ' "           |          |       |      |
| I 1         | 4 24 13.1       | + 0 49 38       | 1.138    | 1.992 | 10.4 |
| 11          | 4 22 52.8       | + 2 17 40       | 1.209    | 2.000 | 10.6 |
| 21          | 4 24 51.7       | + 3 59 50       | 1.294    | 2.008 | 10.8 |
| 31          | 4 30 03.7       | + 5 49 01       | 1.391    | 2.019 | 11.1 |

| (39) Laetitia |                 |                 |          |       |      |
|---------------|-----------------|-----------------|----------|-------|------|
| Data 2020     | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|               | h m s           | ° ' "           |          |       |      |
| IX 17         | 6 01 17.2       | +12 39 49       | 2.498    | 2.594 | 11.1 |
| 27            | 6 10 58.1       | +12 04 17       | 2.381    | 2.605 | 11.0 |
| X 7           | 6 18 44.4       | +11 25 04       | 2.265    | 2.615 | 10.9 |
| 17            | 6 24 19.4       | +10 43 56       | 2.152    | 2.626 | 10.8 |
| 27            | 6 27 26.1       | +10 03 11       | 2.044    | 2.637 | 10.7 |
| XI 6          | 6 27 52.8       | + 9 25 25       | 1.947    | 2.648 | 10.5 |
| 16            | 6 25 33.0       | + 8 53 29       | 1.863    | 2.659 | 10.3 |
| 26            | 6 20 33.2       | + 8 30 28       | 1.797    | 2.670 | 10.1 |
| XII 6         | 6 13 19.2       | + 8 19 02       | 1.753    | 2.681 | 10.0 |
| 16            | 6 04 33.9       | + 8 21 03       | 1.735    | 2.693 | 9.8  |
| 26            | 5 55 18.3       | + 8 37 09       | 1.745    | 2.704 | 9.8  |
| I 5           | 5 46 38.6       | + 9 06 20       | 1.783    | 2.716 | 10.0 |

| (68) Leto |                 |                 |          |       |      |
|-----------|-----------------|-----------------|----------|-------|------|
| Data 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|           | h m s           | ° ' "           |          |       |      |
| VII 19    | 0 50 08.0       | - 4 17 35       | 1.760    | 2.268 | 11.1 |
| 29        | 0 56 59.3       | - 3 50 32       | 1.654    | 2.267 | 10.9 |
| VIII 8    | 1 01 25.2       | - 3 36 40       | 1.556    | 2.267 | 10.7 |
| 18        | 1 03 06.7       | - 3 35 59       | 1.468    | 2.268 | 10.5 |
| 28        | 1 01 50.7       | - 3 47 18       | 1.394    | 2.271 | 10.3 |
| IX 7      | 0 57 40.4       | - 4 07 33       | 1.337    | 2.274 | 10.0 |
| 17        | 0 50 57.4       | - 4 32 10       | 1.301    | 2.278 | 9.8  |
| 27        | 0 42 30.2       | - 4 54 52       | 1.289    | 2.283 | 9.5  |
| X 7       | 0 33 29.5       | - 5 09 01       | 1.302    | 2.290 | 9.6  |
| 17        | 0 25 09.7       | - 5 09 28       | 1.340    | 2.297 | 9.9  |
| 27        | 0 18 38.1       | - 4 53 07       | 1.401    | 2.305 | 10.2 |
| XI 6      | 0 14 37.8       | - 4 19 25       | 1.484    | 2.314 | 10.5 |
| 16        | 0 13 26.2       | - 3 29 43       | 1.583    | 2.324 | 10.7 |
| 26        | 0 15 03.5       | - 2 25 56       | 1.697    | 2.335 | 11.0 |
| XII 6     | 0 19 15.7       | - 1 10 28       | 1.821    | 2.347 | 11.2 |

| (356) Liguria |                 |                 |          |       |      |
|---------------|-----------------|-----------------|----------|-------|------|
| Data 2020     | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|               | h m s           | ° ' "           |          |       |      |
| XII 6         | 7 13 35.8       | +36 40 46       | 1.220    | 2.111 | 11.1 |
| 16            | 7 06 20.5       | +37 15 11       | 1.182    | 2.119 | 10.9 |
| 26            | 6 56 14.1       | +37 32 42       | 1.167    | 2.129 | 10.7 |
| I 5           | 6 45 04.0       | +37 27 39       | 1.176    | 2.140 | 10.7 |

| (20) Massalia |                 |                 |          |       |      |
|---------------|-----------------|-----------------|----------|-------|------|
| Data 2020     | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|               | h m s           | ° ' "           |          |       |      |
| VI 29         | 22 54 44.1      | - 6 03 40       | 2.063    | 2.655 | 11.1 |
| VII 9         | 22 56 14.6      | - 5 52 17       | 1.939    | 2.644 | 10.9 |
| 19            | 22 55 21.3      | - 5 55 52       | 1.827    | 2.634 | 10.7 |
| 29            | 22 51 57.9      | - 6 15 13       | 1.731    | 2.623 | 10.5 |
| VIII 8        | 22 46 12.6      | - 6 49 29       | 1.656    | 2.611 | 10.2 |
| 18            | 22 38 28.7      | - 7 36 05       | 1.603    | 2.599 | 10.0 |
| 28            | 22 29 30.4      | - 8 30 17       | 1.577    | 2.587 | 9.6  |
| IX 7          | 22 20 19.0      | - 9 25 44       | 1.578    | 2.574 | 9.9  |
| 17            | 22 11 57.9      | -10 16 12       | 1.605    | 2.561 | 10.1 |
| 27            | 22 05 24.9      | -10 56 24       | 1.657    | 2.547 | 10.3 |
| X 7           | 22 01 19.1      | -11 23 00       | 1.730    | 2.533 | 10.5 |
| 17            | 21 59 57.8      | -11 34 40       | 1.820    | 2.519 | 10.7 |
| 27            | 22 01 23.6      | -11 31 12       | 1.922    | 2.505 | 10.8 |
| XI 6          | 22 05 25.3      | -11 13 16       | 2.032    | 2.490 | 11.0 |
| 16            | 22 11 46.3      | -10 41 52       | 2.147    | 2.475 | 11.1 |
| 26            | 22 20 09.0      | - 9 57 58       | 2.264    | 2.460 | 11.2 |

| (56) Melete |                 |                 |          |       |      |
|-------------|-----------------|-----------------|----------|-------|------|
| Data 2020   | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|             | h m s           | ° ' "           |          |       |      |
| V 30        | 18 46 43.0      | - 8 52 13       | 1.125    | 2.037 | 11.0 |
| VI 9        | 18 42 49.3      | - 7 58 06       | 1.066    | 2.024 | 10.7 |
| 19          | 18 36 29.5      | - 7 20 53       | 1.025    | 2.012 | 10.5 |
| 29          | 18 28 44.7      | - 7 04 52       | 1.005    | 2.002 | 10.4 |
| VII 9       | 18 20 58.1      | - 7 11 38       | 1.007    | 1.994 | 10.5 |
| 19          | 18 14 30.9      | - 7 39 40       | 1.029    | 1.987 | 10.6 |
| 29          | 18 10 32.2      | - 8 24 58       | 1.070    | 1.982 | 10.9 |
| VIII 8      | 18 09 43.9      | - 9 21 44       | 1.127    | 1.979 | 11.1 |

| (18) Melpomene |                 |                 |          |       |      |
|----------------|-----------------|-----------------|----------|-------|------|
| Data 2020      | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|                | h m s           | ° ' "           |          |       |      |
| X 27           | 8 54 19.0       | + 9 46 53       | 2.092    | 2.164 | 10.9 |
| XI 6           | 9 05 53.9       | + 8 55 28       | 1.995    | 2.189 | 10.8 |
| 16             | 9 15 25.9       | + 8 11 36       | 1.897    | 2.215 | 10.7 |
| 26             | 9 22 37.2       | + 7 38 40       | 1.798    | 2.240 | 10.6 |
| XII 6          | 9 27 10.5       | + 7 20 03       | 1.703    | 2.265 | 10.4 |
| 16             | 9 28 48.0       | + 7 19 13       | 1.614    | 2.290 | 10.3 |
| 26             | 9 27 17.1       | + 7 39 08       | 1.535    | 2.314 | 10.1 |
| I 5            | 9 22 39.7       | + 8 21 09       | 1.473    | 2.339 | 9.9  |

| (9) Metis |                 |                 |          |       |      |
|-----------|-----------------|-----------------|----------|-------|------|
| Data 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|           | h m s           | ° ' "           |          |       |      |
| I 1       | 1 46 05.8       | + 8 55 53       | 1.584    | 2.108 | 10.1 |
| 11        | 1 54 10.2       | +10 14 41       | 1.693    | 2.103 | 10.2 |
| 21        | 2 04 34.7       | +11 40 59       | 1.805    | 2.099 | 10.4 |
| 31        | 2 17 01.4       | +13 12 15       | 1.918    | 2.096 | 10.5 |
| II 10     | 2 31 13.7       | +14 46 02       | 2.031    | 2.094 | 10.6 |

| (192) Nausikaa |                 |                 |          |       |      |
|----------------|-----------------|-----------------|----------|-------|------|
| Data 2020      | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|                | h m s           | ° ' "           |          |       |      |
| I 1            | 7 36 47.7       | +31 39 34       | 1.314    | 2.279 | 10.1 |
| 11             | 7 23 56.6       | +31 44 43       | 1.332    | 2.307 | 10.0 |
| 21             | 7 11 44.2       | +31 33 13       | 1.377    | 2.335 | 10.3 |
| 31             | 7 01 47.3       | +31 06 57       | 1.448    | 2.362 | 10.6 |
| II 10          | 6 55 08.8       | +30 30 23       | 1.542    | 2.390 | 10.9 |
| 20             | 6 52 08.7       | +29 48 12       | 1.655    | 2.417 | 11.2 |

| (51) Nemausa |                 |                 |          |       |      |
|--------------|-----------------|-----------------|----------|-------|------|
| Data 2020    | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|              | h m s           | ° ' "           |          |       |      |
| X 27         | 4 43 11.9       | + 8 42 18       | 1.585    | 2.441 | 11.2 |
| XI 6         | 4 37 25.0       | + 7 34 42       | 1.518    | 2.434 | 10.9 |
| 16           | 4 29 14.1       | + 6 31 57       | 1.473    | 2.428 | 10.7 |
| 26           | 4 19 34.8       | + 5 40 17       | 1.455    | 2.421 | 10.6 |
| XII 6        | 4 09 41.1       | + 5 05 08       | 1.464    | 2.414 | 10.7 |
| 16           | 4 00 47.6       | + 4 49 57       | 1.499    | 2.407 | 10.9 |
| 26           | 3 53 58.9       | + 4 55 40       | 1.558    | 2.399 | 11.1 |

| (71) Niobe |                 |                 |          |       |      |
|------------|-----------------|-----------------|----------|-------|------|
| Data 2020  | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|            | h m s           | ° ' "           |          |       |      |
| I 31       | 12 16 32.4      | -22 02 58       | 1.805    | 2.405 | 11.2 |
| II 10      | 12 14 40.8      | -24 32 54       | 1.694    | 2.391 | 11.1 |
| 20         | 12 09 38.5      | -26 49 30       | 1.599    | 2.378 | 10.9 |
| III 1      | 12 01 27.4      | -28 44 49       | 1.522    | 2.366 | 10.7 |
| 11         | 11 50 41.6      | -30 10 48       | 1.467    | 2.354 | 10.6 |
| 21         | 11 38 25.9      | -31 01 31       | 1.434    | 2.343 | 10.5 |
| 31         | 11 26 11.3      | -31 15 22       | 1.425    | 2.333 | 10.5 |
| IV 10      | 11 15 34.3      | -30 57 26       | 1.438    | 2.323 | 10.5 |
| 20         | 11 07 47.2      | -30 17 12       | 1.471    | 2.315 | 10.6 |
| 30         | 11 03 32.3      | -29 25 50       | 1.522    | 2.307 | 10.7 |
| V 10       | 11 02 59.7      | -28 33 53       | 1.587    | 2.300 | 10.9 |
| 20         | 11 05 56.6      | -27 48 42       | 1.663    | 2.294 | 11.0 |
| 30         | 11 12 02.4      | -27 15 04       | 1.748    | 2.289 | 11.1 |

| (44) Nysa |                 |                 |          |       |      |
|-----------|-----------------|-----------------|----------|-------|------|
| Data 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|           | h m s           | ° ' "           |          |       |      |
| VI 29     | 21 30 46.2      | -14 11 16       | 1.944    | 2.775 | 11.2 |
| VII 9     | 21 26 14.8      | -14 43 34       | 1.859    | 2.772 | 11.0 |
| 19        | 21 19 29.9      | -15 26 54       | 1.795    | 2.768 | 10.9 |
| 29        | 21 11 02.2      | -16 17 41       | 1.757    | 2.764 | 10.7 |
| VIII 8    | 21 01 41.9      | -17 10 56       | 1.746    | 2.759 | 10.5 |
| 18        | 20 52 27.4      | -18 01 31       | 1.762    | 2.753 | 10.7 |
| 28        | 20 44 20.0      | -18 45 01       | 1.806    | 2.747 | 10.9 |
| IX 7      | 20 38 09.7      | -19 18 35       | 1.873    | 2.741 | 11.1 |
| 17        | 20 34 26.9      | -19 41 02       | 1.960    | 2.734 | 11.2 |

| (2) Pallas |                 |                 |          |       |      |
|------------|-----------------|-----------------|----------|-------|------|
| Data 2020  | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|            | h m s           | ° ' "           |          |       |      |
| IV 10      | 19 28 28.4      | +13 38 01       | 3.211    | 3.278 | 10.2 |
| 20         | 19 33 29.5      | +15 11 01       | 3.108    | 3.290 | 10.2 |
| 30         | 19 36 42.9      | +16 43 09       | 3.007    | 3.301 | 10.1 |
| V 10       | 19 38 00.6      | +18 11 06       | 2.909    | 3.312 | 10.0 |
| 20         | 19 37 16.9      | +19 31 13       | 2.818    | 3.323 | 9.9  |
| 30         | 19 34 30.1      | +20 39 00       | 2.736    | 3.332 | 9.8  |
| VI 9       | 19 29 47.7      | +21 29 38       | 2.667    | 3.342 | 9.7  |
| 19         | 19 23 25.4      | +21 58 40       | 2.613    | 3.350 | 9.7  |
| 29         | 19 15 50.0      | +22 02 07       | 2.577    | 3.359 | 9.6  |
| VII 9      | 19 07 39.2      | +21 37 56       | 2.560    | 3.366 | 9.6  |
| 19         | 18 59 33.7      | +20 46 22       | 2.565    | 3.373 | 9.6  |
| 29         | 18 52 15.2      | +19 29 52       | 2.591    | 3.379 | 9.6  |
| VIII 8     | 18 46 18.8      | +17 53 17       | 2.638    | 3.385 | 9.7  |
| 18         | 18 42 07.9      | +16 02 28       | 2.705    | 3.391 | 9.8  |
| 28         | 18 39 57.0      | +14 03 33       | 2.790    | 3.395 | 9.9  |
| IX 7       | 18 39 49.7      | +12 02 22       | 2.889    | 3.399 | 10.0 |
| 17         | 18 41 42.1      | +10 03 33       | 3.001    | 3.403 | 10.1 |
| 27         | 18 45 27.1      | + 8 10 47       | 3.122    | 3.406 | 10.2 |
| X 7        | 18 50 53.9      | + 6 26 44       | 3.249    | 3.408 | 10.3 |
| 17         | 18 57 50.7      | + 4 53 03       | 3.379    | 3.410 | 10.4 |

| (471) Papagena |                 |                 |          |       |      |
|----------------|-----------------|-----------------|----------|-------|------|
| Data 2020      | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|                | h m s           | ° ' "           |          |       |      |
| VII 9          | 1 52 35.3       | - 5 14 57       | 2.234    | 2.340 | 11.2 |
| 19             | 2 06 15.3       | - 4 44 36       | 2.111    | 2.325 | 11.1 |
| 29             | 2 18 44.9       | - 4 25 50       | 1.989    | 2.310 | 10.9 |
| VIII 8         | 2 29 48.0       | - 4 19 03       | 1.870    | 2.297 | 10.8 |
| 18             | 2 39 05.0       | - 4 24 22       | 1.755    | 2.285 | 10.6 |
| 28             | 2 46 12.5       | - 4 41 16       | 1.647    | 2.273 | 10.4 |
| IX 7           | 2 50 48.6       | - 5 07 59       | 1.547    | 2.263 | 10.2 |
| 17             | 2 52 31.7       | - 5 41 43       | 1.458    | 2.255 | 10.0 |
| 27             | 2 51 07.6       | - 6 17 40       | 1.383    | 2.247 | 9.9  |
| X 7            | 2 46 39.9       | - 6 49 10       | 1.326    | 2.241 | 9.7  |
| 17             | 2 39 32.5       | - 7 08 33       | 1.289    | 2.236 | 9.5  |
| 27             | 2 30 38.4       | - 7 07 58       | 1.275    | 2.232 | 9.5  |
| XI 6           | 2 21 13.6       | - 6 41 54       | 1.286    | 2.230 | 9.5  |
| 16             | 2 12 37.0       | - 5 48 46       | 1.320    | 2.229 | 9.6  |
| 26             | 2 05 58.7       | - 4 30 24       | 1.376    | 2.230 | 9.8  |
| XII 6          | 2 02 02.4       | - 2 51 33       | 1.452    | 2.232 | 10.0 |
| 16             | 2 01 05.2       | - 0 57 44       | 1.544    | 2.235 | 10.2 |
| 26             | 2 03 07.0       | + 1 06 07       | 1.648    | 2.239 | 10.4 |
| I 5            | 2 07 53.6       | + 3 15 39       | 1.763    | 2.245 | 10.6 |

| (11) Parthenope |                 |                 |          |       |      |
|-----------------|-----------------|-----------------|----------|-------|------|
| Data 2020       | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|                 | h m s           | ° ' "           |          |       |      |
| VII 9           | 1 41 14.4       | + 6 20 44       | 2.170    | 2.252 | 11.2 |
| 19              | 1 53 56.0       | + 7 08 58       | 2.062    | 2.259 | 11.1 |
| 29              | 2 05 11.5       | + 7 45 07       | 1.953    | 2.266 | 11.0 |
| VIII 8          | 2 14 43.9       | + 8 08 17       | 1.845    | 2.274 | 10.8 |
| 18              | 2 22 12.9       | + 8 17 36       | 1.741    | 2.283 | 10.7 |
| 28              | 2 27 15.9       | + 8 12 21       | 1.642    | 2.291 | 10.5 |
| IX 7            | 2 29 33.9       | + 7 52 28       | 1.552    | 2.300 | 10.3 |
| 17              | 2 28 52.1       | + 7 18 31       | 1.474    | 2.310 | 10.1 |
| 27              | 2 25 08.5       | + 6 32 25       | 1.412    | 2.319 | 9.9  |
| X 7             | 2 18 43.6       | + 5 38 10       | 1.371    | 2.329 | 9.7  |
| 17              | 2 10 19.7       | + 4 41 26       | 1.354    | 2.339 | 9.5  |
| 27              | 2 01 03.9       | + 3 49 31       | 1.363    | 2.349 | 9.4  |
| XI 6            | 1 52 13.1       | + 3 09 30       | 1.398    | 2.360 | 9.7  |
| 16              | 1 44 54.7       | + 2 46 26       | 1.458    | 2.370 | 10.0 |
| 26              | 1 39 58.6       | + 2 42 52       | 1.541    | 2.381 | 10.2 |
| XII 6           | 1 37 48.1       | + 2 58 37       | 1.642    | 2.392 | 10.5 |
| 16              | 1 38 25.6       | + 3 31 40       | 1.758    | 2.403 | 10.7 |
| 26              | 1 41 42.6       | + 4 19 28       | 1.885    | 2.414 | 10.9 |
| I 5             | 1 47 21.6       | + 5 18 57       | 2.019    | 2.425 | 11.1 |

| (194) Prokne |                 |                 |          |       |      |
|--------------|-----------------|-----------------|----------|-------|------|
| Data 2020    | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|              | h m s           | ° ' "           |          |       |      |
| VIII 28      | 2 19 03.9       | - 0 52 58       | 1.413    | 2.124 | 11.2 |
| IX 7         | 2 22 29.4       | - 3 01 29       | 1.351    | 2.144 | 11.0 |
| 17           | 2 22 43.4       | - 5 25 50       | 1.303    | 2.165 | 10.9 |
| 27           | 2 19 50.2       | - 7 56 35       | 1.274    | 2.186 | 10.7 |
| X 7          | 2 14 19.1       | - 10 20 49      | 1.267    | 2.209 | 10.6 |
| 17           | 2 07 01.1       | - 12 24 55      | 1.283    | 2.232 | 10.6 |
| 27           | 1 59 07.7       | - 13 57 07      | 1.323    | 2.255 | 10.8 |
| XI 6         | 1 51 54.2       | - 14 51 07      | 1.386    | 2.280 | 11.0 |
| 16           | 1 46 20.3       | - 15 06 36      | 1.470    | 2.304 | 11.2 |

| (16) Psyche |                 |                 |          |       |      |
|-------------|-----------------|-----------------|----------|-------|------|
| Data 2020   | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|             | h m s           | ° ' "           |          |       |      |
| VIII 28     | 4 51 49.7       | + 19 22 58      | 2.537    | 2.579 | 11.0 |
| IX 7        | 5 03 08.7       | + 19 29 17      | 2.418    | 2.586 | 10.9 |
| 17          | 5 12 46.2       | + 19 29 48      | 2.299    | 2.594 | 10.8 |
| 27          | 5 20 22.9       | + 19 25 24      | 2.181    | 2.603 | 10.7 |
| X 7         | 5 25 40.7       | + 19 17 13      | 2.068    | 2.612 | 10.5 |
| 17          | 5 28 21.7       | + 19 06 16      | 1.962    | 2.621 | 10.4 |
| 27          | 5 28 12.0       | + 18 53 33      | 1.868    | 2.631 | 10.2 |
| XI 6        | 5 25 09.5       | + 18 40 00      | 1.790    | 2.641 | 10.0 |
| 16          | 5 19 25.6       | + 18 26 20      | 1.731    | 2.651 | 9.8  |
| 26          | 5 11 33.6       | + 18 13 22      | 1.697    | 2.662 | 9.6  |
| XII 6       | 5 02 28.7       | + 18 02 07      | 1.690    | 2.673 | 9.4  |
| 16          | 4 53 17.3       | + 17 53 50      | 1.712    | 2.684 | 9.6  |
| 26          | 4 45 08.5       | + 17 50 06      | 1.762    | 2.696 | 9.8  |
| I 5         | 4 38 56.9       | + 17 52 10      | 1.837    | 2.708 | 10.1 |

| (335) Roberta |                 |                 |          |       |      |
|---------------|-----------------|-----------------|----------|-------|------|
| Data 2020     | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|               | h m s           | ° ' "           |          |       |      |
| VI 29         | 19 27 06.9      | - 14 54 59      | 1.050    | 2.048 | 11.2 |
| VII 9         | 19 18 49.9      | - 15 34 54      | 1.034    | 2.047 | 10.9 |
| 19            | 19 10 17.0      | - 16 23 41      | 1.041    | 2.048 | 11.1 |

| (563) Suleika |                 |                 |          |       |      |
|---------------|-----------------|-----------------|----------|-------|------|
| Data 2020     | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|               | h m s           | ° ' "           |          |       |      |
| I 1           | 6 00 05.1       | + 26 30 56      | 1.162    | 2.137 | 10.9 |
| 11            | 5 51 10.1       | + 27 28 10      | 1.208    | 2.151 | 11.2 |

| (23) Thalia |                 |                 |          |       |      |
|-------------|-----------------|-----------------|----------|-------|------|
| Data 2020   | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|             | h m s           | ° ' "           |          |       |      |
| II 10       | 14 38 51.0      | - 4 58 20       | 1.848    | 2.260 | 11.2 |
| 20          | 14 45 25.5      | - 5 15 13       | 1.753    | 2.283 | 11.1 |
| III 1       | 14 49 12.7      | - 5 20 40       | 1.663    | 2.307 | 10.9 |
| 11          | 14 49 56.7      | - 5 16 02       | 1.583    | 2.332 | 10.8 |
| 21          | 14 47 30.3      | - 5 03 19       | 1.517    | 2.357 | 10.6 |
| 31          | 14 42 00.8      | - 4 45 23       | 1.468    | 2.382 | 10.4 |
| IV 10       | 14 34 00.7      | - 4 26 25       | 1.441    | 2.407 | 10.2 |
| 20          | 14 24 23.3      | - 4 10 52       | 1.438    | 2.432 | 10.1 |
| 30          | 14 14 18.8      | - 4 03 15       | 1.462    | 2.458 | 10.1 |
| V 10        | 14 05 01.0      | - 4 07 07       | 1.513    | 2.484 | 10.4 |
| 20          | 13 57 27.2      | - 4 24 04       | 1.588    | 2.509 | 10.7 |
| 30          | 13 52 15.3      | - 4 54 20       | 1.684    | 2.535 | 10.9 |
| VI 9        | 13 49 40.6      | - 5 36 51       | 1.798    | 2.560 | 11.2 |

| (17) Thetis |                 |                 |          |       |      |
|-------------|-----------------|-----------------|----------|-------|------|
| Data 2020   | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|             | h m s           | ° ' "           |          |       |      |
| VIII 18     | 23 41 18.2      | - 7 56 42       | 1.428    | 2.371 | 11.1 |
| 28          | 23 34 34.6      | - 9 12 53       | 1.401    | 2.386 | 10.9 |
| IX 7        | 23 26 23.1      | - 10 31 05      | 1.398    | 2.401 | 10.7 |
| 17          | 23 17 47.1      | - 11 42 28      | 1.421    | 2.415 | 10.8 |
| 27          | 23 09 56.8      | - 12 39 07      | 1.470    | 2.430 | 11.1 |

| (138) Tolosa |                 |                 |          |       |      |
|--------------|-----------------|-----------------|----------|-------|------|
| Data 2020    | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|              | h m s           | ° ' "           |          |       |      |
| VIII 8       | 22 27 18.8      | - 16 19 35      | 1.066    | 2.054 | 11.0 |
| 18           | 22 19 21.1      | - 17 10 15      | 1.050    | 2.058 | 10.8 |
| 28           | 22 10 32.7      | - 17 54 20      | 1.058    | 2.062 | 10.8 |
| IX 7         | 22 02 24.7      | - 18 23 59      | 1.089    | 2.068 | 11.1 |

| (30) Urania |                 |                 |          |       |      |
|-------------|-----------------|-----------------|----------|-------|------|
| Data 2020   | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|             | h m s           | ° ' "           |          |       |      |
| II 10       | 11 02 00.9      | + 4 29 27       | 1.557    | 2.489 | 11.1 |
| 20          | 10 53 15.1      | + 5 12 57       | 1.526    | 2.501 | 10.9 |
| III 1       | 10 43 28.2      | + 6 03 53       | 1.522    | 2.513 | 10.6 |
| 11          | 10 33 53.6      | + 6 55 06       | 1.547    | 2.524 | 11.0 |
| 21          | 10 25 38.5      | + 7 40 05       | 1.599    | 2.536 | 11.2 |



| (4) Vesta |                 |                 |          |       |     |
|-----------|-----------------|-----------------|----------|-------|-----|
| Data 2020 | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m   |
|           | h m s           | ° ' "           |          |       |     |
| I 1       | 2 45 44.4       | + 9 07 20       | 1.905    | 2.564 | 7.4 |
| 11        | 2 46 52.1       | + 9 54 04       | 2.026    | 2.566 | 7.6 |
| 21        | 2 50 34.5       | +10 49 37       | 2.156    | 2.568 | 7.8 |
| 31        | 2 56 35.8       | +11 51 44       | 2.290    | 2.569 | 7.9 |
| II 10     | 3 04 38.8       | +12 58 12       | 2.426    | 2.570 | 8.0 |
| 20        | 3 14 26.6       | +14 06 58       | 2.560    | 2.571 | 8.1 |
| XI 26     | 10 59 03.5      | +10 59 55       | 2.369    | 2.440 | 7.9 |
| XII 6     | 11 10 29.3      | +10 23 06       | 2.231    | 2.431 | 7.8 |
| 16        | 11 20 29.0      | + 9 58 09       | 2.093    | 2.422 | 7.6 |
| 26        | 11 28 44.7      | + 9 47 44       | 1.958    | 2.412 | 7.5 |
| I 5       | 11 34 58.3      | + 9 54 10       | 1.828    | 2.403 | 7.3 |

| (747) Winchester |                 |                 |          |       |      |
|------------------|-----------------|-----------------|----------|-------|------|
| Data 2020        | $\alpha_{2000}$ | $\delta_{2000}$ | $\Delta$ | r     | m    |
|                  | h m s           | ° ' "           |          |       |      |
| VIII 28          | 2 07 08.9       | -12 11 57       | 1.366    | 2.123 | 11.1 |
| IX 7             | 2 12 49.2       | -14 18 44       | 1.281    | 2.099 | 10.9 |
| 17               | 2 15 35.9       | -16 36 38       | 1.213    | 2.078 | 10.6 |
| 27               | 2 15 18.9       | -18 54 34       | 1.161    | 2.058 | 10.5 |
| X 7              | 2 12 11.6       | -20 58 10       | 1.129    | 2.041 | 10.4 |
| 17               | 2 06 51.5       | -22 32 29       | 1.116    | 2.026 | 10.3 |
| 27               | 2 00 25.8       | -23 24 37       | 1.123    | 2.012 | 10.4 |
| XI 6             | 1 54 17.0       | -23 27 57       | 1.147    | 2.002 | 10.5 |
| 16               | 1 49 39.2       | -22 42 46       | 1.188    | 1.993 | 10.6 |
| 26               | 1 47 28.7       | -21 14 24       | 1.243    | 1.987 | 10.8 |
| XII 6            | 1 48 11.8       | -19 11 42       | 1.309    | 1.984 | 10.9 |
| 16               | 1 51 51.0       | -16 43 41       | 1.386    | 1.983 | 11.1 |