

| Nr. | Maximum M.Z. Greenwich |               | Mittlere Periode<br>in Tagen | Zeit vom<br>Min. bis<br>zum Max. | Kl. | Hagen-<br>Atlas | Entdecker       | Jahr der<br>Ent-<br>deckung | Bemerkungen               |
|-----|------------------------|---------------|------------------------------|----------------------------------|-----|-----------------|-----------------|-----------------------------|---------------------------|
|     | Epoche (Kal.)          | Epoche (Jul.) |                              |                                  |     |                 |                 |                             |                           |
| 651 | 1908 Febr. 9           | 2417981.25    | 0.660414                     | —                                | E   | —               | Leavitt         | 1907                        |                           |
| 652 | —                      | —             | —                            | —                                | ?   | —               | Fleming         | 1907                        |                           |
| 653 | Min. 1909 Jan. 28      | 2418335.17    | 7.32842                      | —                                | D   | —               | Leavitt         | 1907                        |                           |
| 654 | 1886 Aug. 26           | 2410145       | 278                          | —                                | B   | —               | Leavitt         | 1906                        |                           |
| 655 | 1886 April 6           | 2410003.2     | 3.3345                       | 1.0                              | C   | —               | Leavitt         | 1906                        |                           |
| 656 | 1909 April 29          | 2418426       | 252                          | —                                | B   | —               | Ceraski         | 1907                        |                           |
| 657 | Min. 1909 März 22      | 2418388.632   | 1.3574184                    | —                                | D   | —               | Ceraski         | 1903                        |                           |
| 658 | —                      | —             | —                            | —                                | C?  | —               | Leavitt         | 1906                        |                           |
| 659 | 1886 Sept. 10          | 2410160       | 199                          | —                                | B   | —               | Leavitt         | 1906                        |                           |
| 660 | —                      | —             | —                            | —                                | A   | —               | Innes           | 1898                        |                           |
| 661 | Min. 1886 April 3      | 2410000.489   | 1.66117                      | —                                | D   | —               | Leavitt         | 1906                        | Nebenminima <sup>1)</sup> |
| 662 | 1889 Mai 31            | 2411154       | 314.3                        | 140:                             | B   | —               | Fleming         | 1895                        |                           |
| 663 | Min. 1886 April 4      | 2410001.7     | 2.4645                       | —                                | C   | —               | Leavitt         | 1906                        |                           |
| 664 | —                      | —             | —                            | —                                | B?  | —               | Fleming         | 1906                        |                           |
| 665 | 1889 Mai 22            | 2411145       | 202.2                        | 92                               | B   | —               | Fleming         | 1895                        |                           |
| 666 | —                      | —             | —                            | —                                | B?  | —               | King            | 1904                        | Große Unregelmäßigkeiten  |
| 667 | 1919 Mai 23            | 2422102       | 302:                         | —                                | ?   | —               | Massinger       | 1911                        | B.Z. 16 (1920)            |
| 668 | —                      | —             | —                            | —                                | ?   | —               | C.H.F. Peters   | 1872                        |                           |
| 669 | —                      | —             | —                            | —                                | ?   | —               | Leavitt         | 1906                        |                           |
| 670 | 1856 Nov. 4            | 2399258       | 363.0                        | 115                              | B   | II              | Schönfeld       | 1856                        |                           |
| 671 | —                      | —             | —                            | —                                | A?  | IV              | Fleming         | 1898                        |                           |
| 672 | 1908 April 21          | 2418053       | 205                          | 93:                              | B   | —               | Fleming         | 1907                        |                           |
| 673 | —                      | —             | —                            | —                                | A?  | IV              | Fleming         | 1898                        |                           |
| 674 | —                      | —             | —                            | —                                | C?  | —               | Kapteyn         | 1890                        |                           |
| 675 | —                      | —             | —                            | —                                | ?   | —               | Leavitt         | 1906                        |                           |
| 676 | 1886 Sept. 9           | 2410159       | 198.5                        | —                                | C   | —               | Leavitt         | 1906                        |                           |
| 677 | 1900 Jan. 9            | 2415029.18    | 9.657                        | 3.45                             | C   | —               | Roberts         | 1891                        |                           |
| 678 | —                      | —             | —                            | —                                | ?   | —               | Fleming         | 1910                        |                           |
| 679 | 1861 April 20          | 2400886       | 340.0                        | 120:                             | B   | I               | Boguslawski     | 1849                        |                           |
| 680 | —                      | —             | —                            | —                                | ?   | —               | Leavitt         | 1906                        |                           |
| 681 | Min. 1886 April 5      | 2410002.90    | 5.21943                      | —                                | D   | —               | Leavitt         | 1906                        |                           |
| 682 | —                      | —             | —                            | —                                | ?   | —               | Sperra          | 1909                        |                           |
| 683 | 1908 Mai 24            | 2418086.2955  | 0.569662                     | 0.125                            | C   | —               | Leavitt         | 1907                        |                           |
| 684 | 1868 Mai 11            | 2403464       | 318.4                        | 140:                             | B   | I               | Karlinski       | 1867                        |                           |
| 685 | Min. 1906 Febr. 23     | 2417265       | 315                          | —                                | B   | —               | Müller u. Kempf | 1905                        | Unregelmäßigkeiten        |
| 686 | 1886 April 12          | 2410009       | 16.50:                       | 5                                | C?  | —               | Leavitt         | 1906                        | Unregelmäßigkeiten        |
| 687 | 1900 Jan. 8            | 2415028.32    | 6.7322                       | 2.07                             | C   | —               | Roberts         | 1895                        |                           |
| 688 | —                      | —             | —                            | —                                | ?   | —               | Fleming         | 1907                        |                           |
| 689 | —                      | —             | —                            | —                                | ?   | —               | Leavitt         | 1906                        |                           |
| 690 | 1900 Jan. 7            | 2415027.39    | 5.82485                      | 1.40                             | C   | —               | Roberts         | 1891                        |                           |
| 691 | —                      | —             | —                            | —                                | ?   | —               | Fleming         | 1889                        |                           |
| 692 | —                      | —             | —                            | —                                | B?  | —               | M. u. G. Wolf   | 1905                        |                           |
| 693 | —                      | —             | —                            | —                                | ?   | —               | Leavitt         | 1906                        |                           |
| 694 | —                      | —             | —                            | —                                | C?  | —               | Leavitt         | 1907                        |                           |
| 695 | 1914 April 22          | 2420245.382   | 0.5585                       | 0.06                             | C   | —               | Ceraski         | 1910                        |                           |
| 696 | 1898 Nov. 30           | 2414624       | 290.5                        | 148:                             | B   | VI              | Anderson        | 1897                        |                           |
| 697 | 1886 Aug. 24           | 2410143       | 351.4                        | —                                | B   | —               | Fleming         | 1896                        |                           |
| 698 | 1914 April 22          | 2420245.38    | 0.5866                       | 0.03                             | C   | —               | Cannon          | 1910                        |                           |
| 699 | 1886 Nov. 16           | 2410227       | 219                          | 105                              | B   | —               | Fleming         | 1894                        |                           |
| 700 | 1893 Mai 14            | 2412598       | 218.2                        | 101                              | B   | I               | Henry           | 1874                        |                           |

<sup>1)</sup> Elemente nach Dawson (V.J.S. 55, 166): Min. = 1918 Febr. 2 (2421627) + 1<sup>d</sup>66048 E.