

| β or Inn. | Mov. | T | P | a | e | i | Ω | ω | Eph. | Auth. | Ref. | |
|--|------|----------|--------------------|------|------|-------|----------|----------|-----------|--------------|------------------|------|
| Σ 1196, ζ Cancr. $8^h 6^m 5$ + $17^\circ 57'$. $5^m 6$, $6^m 3$. Go. | | | | | | | | | | | | |
| 4477 AB | r | 1853.37 | 58 ^a 91 | 1.29 | 0.23 | 63.28 | 1.45 | 266.00 | | <i>Mä</i> | Dop. 9 | 1840 |
| | | 1816.687 | 58.2708 | 0.89 | 0.44 | 24.01 | 33.57 | 133.01 | | <i>Mä</i> | Fix. 1 | 1847 |
| | | 1848.17 | 42.501 | 1.01 | 0.47 | 65.65 | 10.52 | 227.15 | | <i>Vlc</i> | AN 967 | 1849 |
| | | 1874.47 | 58.94 | 1.03 | 0.26 | 48.60 | 18.38 | 141.90 | | <i>Wn</i> | AN 967 | 1856 |
| | | 1872.44 | 58.23 | 0.91 | 0.30 | 36.24 | 150.29 | 171.78 | | <i>Pl</i> | MN 31 | 1871 |
| | | 1869.9 | 60.45 | 0.91 | 0.37 | 23.50 | 107.5 | 85.3 | | <i>Flm</i> | Et. d. | 1873 |
| | | 1869.3 | 62.4 | 0.91 | 0.35 | 20.70 | 109.0 | 199.0 | | <i>OΣ</i> | CR 79 | 1874 |
| | | 1870.82 | 59.486 | 0.89 | 0.33 | 18.52 | 358.05 | 188.55 | | <i>Dob</i> | AN 2322 | 1880 |
| | | 1866.0 | 60.3 | 0.85 | 0.39 | 15.53 | 81.55 | 109.73 | | <i>Seeli</i> | Wien 83 | 1881 |
| | | 1868.112 | 59.11 | 0.85 | 0.38 | 11.13 | 80.18 | 109.73 | | <i>Seeli</i> | München | 1888 |
| | | 1870.40 | 60.0 | 0.86 | 0.34 | 7.4 | 88.7 | 264.0 | 1896-1900 | <i>See</i> | Ev. (= AJ 378) | 1895 |
| | | 1869.48 | 60.16 | — | 0.34 | 11.73 | 112.07 | 75.2 | | <i>Dob</i> | AN 4144 | 1906 |
| | | 1870.65 | 60.09 | — | 0.33 | 0.0 | — | 183.62 | | <i>Dob</i> | AN 4144 | 1906 |
| | | 1870.65 | 60.083 | 0.86 | 0.34 | 0.0 | — | 183.55 | 1907-26 | <i>Dob</i> | AN 4144 | 1906 |
| | | 1928.139 | 57.891 | 0.87 | 0.33 | 180.0 | — | 179.80 | | <i>Snau</i> | Diss. | 1914 |
| and different other systems of elements | | | | | | | | | | | | |
| C-AB | r | 1909.6 | 16.92 | 0.16 | 0.04 | 128.5 | 73.5 | 94.5 | | <i>Snau</i> | Diss. | 1914 |
| | | 1860.13 | 17.6 | 0.22 | 0.11 | 17.4 | 72.0 | 109.7 | | <i>Seeli</i> | Wien | 1881 |
| see also: <i>Dob</i> : AN 4273 1908; <i>Seeli</i> : AN 4769 1914; <i>Seeli</i> : Untersuchungen etc. Wien 1881; <i>Seeli</i> : Fortges. Untersuchungen München 1888; <i>Seeli</i> : System ζ Cancr München 1894. | | | | | | | | | | | | |
| Σ 1216. $8^h 16^m 3$ - $1^\circ 17'$. $7^m 5$, $8^m 2$. Ao. | | | | | | | | | | | | |
| 4570 AB | d | 1904.32 | 174.73 | 0.64 | 0.43 | 68.18 | 171.10 | 93.67 | | <i>Gore</i> | AN 3283 | 1895 |
| ϵ Hydrae. $8^h 41^m 5$ + $6^\circ 47'$. $3^m 5$, $6^m 8$. F8. | | | | | | | | | | | | |
| 4771 AB | d | 1901.1 | 15.7 | 0.24 | 0.69 | 35.5 | 109.5 | 264.7 | | <i>A</i> | LB 36 | 1903 |
| | | 1901.11 | 15.63 | 0.27 | 0.69 | 63.29 | 122.7 | 259.46 | 1910-21 | <i>Brow</i> | PP 21 | 1909 |
| | | 1900.97 | 15.30 | 0.23 | 0.65 | 49.95 | 104.4 | 270.0 | 1913-17 | <i>A</i> | LP 12 (= PP 24) | 1912 |
| Σ 1306. α^2 Ursae maj., $9^h 1^m 6$ + $67^\circ 32'$. $4^m 9$, $8^m 4$. F8. | | | | | | | | | | | | |
| 4923 | r | 1920.2 | 470 | 4.76 | 0.80 | 127.0 | 121.5 | 25.5 | | <i>Russ</i> | PA 29.97 | 1919 |
| Σ 3121. $9^h 12^m 0$ + $29^\circ 0'$. $7^m 9$, $8^m 2$. K5. | | | | | | | | | | | | |
| 5005 | d | 1850.0 | 39.18 | 0.70 | 0.35 | 75.45 | 19.94 | 143.28 | 1854-82 | <i>Fri</i> | BAISP 10 | 1866 |
| | | 1850.0 | 40.62 | 0.72 | 0.37 | 75.27 | 23.54 | 141.57 | 1854-82 | <i>Fri</i> | BAISP 10 | 1866 |
| | | 1842.78 | 37.03 | — | 0.26 | 74.25 | 16.00 | 149.50 | | <i>Dob</i> | AN 2156 (= Ob.2) | 1877 |
| | | 1878.52 | 34.642 | 0.67 | 0.31 | 75.43 | 24.85 | 129.45 | | <i>Cel</i> | AN 2808 | 1887 |
| | | 1878.30 | 34.00 | 0.67 | 0.33 | 75.00 | 28.25 | 127.52 | 1896-1900 | <i>See</i> | Ev. | 1895 |
| | | 1880.09 | 33.89 | — | 0.36 | 71.47 | 29.52 | 134.02 | | <i>Dob</i> | AN 4169 | 1907 |
| | | 1879.34 | 35.38 | 0.62 | 0.27 | 73.43 | 22.15 | 148.38 | 1908-27 | <i>Dob</i> | AN 4169 | 1907 |
| | | 1878.78 | 35.12 | 0.62 | 0.32 | 70.71 | 24.18 | 138.71 | 1906-20 | <i>Lh</i> | Pots. 58 | 1908 |
| Σ 1356. ω Leonis. $9^h 23^m 1$ + $9^\circ 30'$. $5^m 9$, $6^m 7$. Go. | | | | | | | | | | | | |
| 5103 | d | 1849.76 | 82.533 | 0.86 | 0.64 | 46.56 | 135.19 | 185.45 | | <i>Mä</i> | Dop. 9 | 1841 |
| | | 1843.408 | 117.577 | 0.85 | 0.63 | 50.64 | 159.84 | 120.45 | | <i>Mä</i> | Fix. 1 | 1847 |
| | | 1876.439 | 133.35 | 0.70 | 0.36 | 57.23 | 111.84 | 217.36 | | <i>Kl</i> | AN 990 | 1856 |
| | | 1841.405 | 227.77 | 1.31 | 0.72 | 60.2 | 169.2 | 84.2 | 1825-48 | <i>Kl</i> | AN 1127 | 1858 |
| | | 1844.2 | 136.4 | 1.05 | 0.62 | 52.4 | 160.5 | 113.4 | | <i>Kl</i> | Theor. Astr. | 1870 |
| | | 1842.77 | 107.62 | — | 0.50 | 65.4 | 151.6 | 122.9 | | <i>Dob</i> | AN 2078 | 1876 |
| | | 1841.81 | 110.82 | 0.89 | 0.54 | 64.1 | 148.8 | 121.1 | | <i>Dob</i> | AN 2095 | 1876 |
| | | 1841.57 | 114.55 | 0.85 | 0.55 | 64.1 | 149.3 | 122.3 | | <i>Dob</i> | Obsv. 2 | 1878 |
| | | 1841.99 | 115.30 | 0.86 | 0.54 | 64.1 | 147.1 | 122.9 | | <i>Hall</i> | AJ 269 | 1892 |
| | | 1842.16 | 115.87 | 0.88 | 0.53 | 63.05 | 145.9 | 125.32 | | <i>See</i> | AN 3311 | 1894 |
| | | 1842.10 | 116.20 | 0.88 | 0.54 | 63.47 | 146.70 | 124.22 | 1896-1900 | <i>See</i> | Ev. | 1895 |
| | | 1840.22 | 114.0 | 0.84 | 0.55 | 66.58 | 143.33 | 121.15 | | <i>Dob</i> | AN 4144 | 1906 |
| | | 1840.82 | 116.74 | 0.84 | 0.56 | 66.20 | 144.28 | 122.10 | 1906-25 | <i>Dob</i> | AN 4144 | 1906 |