# NO. 40. THE SYSTEM OF LUNAR CRATERS, QUADRANT II

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ABSTRACT

The designation, diameter, position, central-peak information, and state of completeness are listed for each discernible crater in the second lunar quadrant with a diameter exceeding 3.5 km. The catalog contains more than 2,000 items and is illustrated by a map in 11 sections.

This *Communication* is the second part of *The System of Lunar Craters,* which is a catalog in four parts of all craters recognizable with reasonable certainty on photographs and having diameters greater than 3.5 kilometers. Thus it is a continuation of *Comm. LPL No. 30* of September 1963. The format is the same except for some minor changes to improve clarity and legibility. The information in the text of *Comm. LPL No. 30* therefore applies to this *Communication* also.

Some of the minor changes mentioned above have been introduced because of the particular nature of the second lunar quadrant, most of which is covered by the dark areas Mare Imbrium and Oceanus Procellarum. The density of craters over these extensive maria is too low to provide an adequate network of landmarks. Accordingly, we have placed increased emphasis on isolated elevations, many of which have been anonymous until now. In our map a large number of these have been indicated by lowercase Greek letters, following the conventions of Blagg and Müller's *Named Lunar Formations.* However, since we also have suppressed many Greek letters used by these authorities, there was need for some care in the incorporation of new letters to avoid confusion. Accordingly, the Greek letters added by us are always different from those that have been suppressed. Observers who wish may use the omitted symbols of Blagg and Müller without fear of ambiguity.

The photographic coverage of the second quadrant is by no means uniform in quality, and certain phases are not well represented. Thus for small craters in certain longitudes there are no good determinations of the diameters, and our values are little better than rough estimates. When the diameter lacks precision, it appears in parentheses in the catalog.

One additional map convention should be noted. When a name on the map is enclosed in brackets, it may be assumed that there are no associated lettered objects. This convention eliminates the ambiguities which must occur when one named object lies entirely within another.

To avoid congestion in some limb regions, a few

anonymous craters have been omitted from the map.

The following are the new names introduced in the second lunar quadrant:

| | |
|---|---|
| Hermite | French mathematician |
| Sylvester | British mathematician |
| Poncelet | French mathematician |
| Brianchon | French mathematician |
| Desargues | French mathematician |
| Eddington | British astronomer |
| Cremona | Italian mathematician |
| Boole | British mathematician |
| Volta | Italian physicist |
| Markov | Russian mathematician |
| Moseley[1] | British physicist |
| Stokes | British physicist |
| Langley | American astronomer |
| Bunsen | German chemist |
| Röntgen[1] | German physicist |
| Aston | British physicist |
| Russell | American astronomer |
| Balboa | Spanish explorer |
| Dalton | British chemist and physicist |
| Einstein | American (German-born) physicist |
| Bohr | Danish physicist |
| Planck[1] | German physicist |
| Fermi[1] | American (Italian-born) physicist |
| Hedin | Swedish explorer |

Some of these were designated by letters in *Named Lunar Formations*, as follows:

| | | |
|---|---|---|
| Sylvester | = | Philolaus P |
| Poncelet | = | Anaximenes F |
| Brianchon | = | Carpenter C |
| Pascal | = | Carpenter D |
| Desargues | = | Anaximander C |
| Markov | = | Oenopides A |
| Russell | = | N. component of Otto Struve |
| Eddington | = | Otto Struve A |

Our Langley is Schmidt's Regnault while our Aston is Blagg and Müller's Ulugh Beigh E and Mädler's Ulugh Beigh. It should be noted that the designation Otto Struve is now shortened to Struve since there is no other crater with that name.

The maps of *Comm. LPL No. 30* have now been published in one sheet (*Lunar Designations and Positions, Quadrant I*, D. W. G. Arthur and A. P. Agnieray. University of Arizona Press, April 1964), and users of the latter publication should note that six names in the libratory zone are not mentioned in *Comm. LPL No. 30*. These are:

| | |
|---|---|
| Goddard | American physicist |
| Jansky | American radio engineer |
| Liapunov | Russian mathematician |
| Rayleigh | British physicist |
| Riemann | German mathematician |
| Boss | American astronomer |

The above formations were not designated in *Named Lunar Formations*.

The maps accompanying this *Communication* are extremely crowded in the limb region, and it is clear that the standard orthographic projection is not suitable for the observation and identification of objects near the limb. The same is true of conformal maps or maps based on rectified photographs, since these do not bear much resemblance to the foreshortened view presented to the observer. Therefore, we have commenced a series of special limb maps that show each limb region under favorable conditions of libration. These will supplement the maps in orthographic projection that accompany the various parts of *The System of Lunar Craters*.

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[1] These craters lie beyond the mean limb and are not included in our catalog or shown in the maps. See *Rectified Lunar Atlas* by E. A. Whitaker *et al.*, *University of Arizona Press, 1963*.

# THE CATALOG

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20008 | 858 | Murchison | -.002 | +.089 | +.996 | - 0.1 | + 5.1 | 33.31 | 57.90 | 4f | aMC | 0 |
| 20014 | | | .019 | .047 | .999 | 1.1 | 2.7 | 5.79 | 10.06 | 3 | aMC | p |
| 20014A | | | .019 | .044 | .999 | 1.1 | 2.5 | 2.91 | 5.06 | 2 | pMC | 0 |
| 20017 | 1229B | Pallas C | .019 | .078 | .997 | 1.1 | 4.5 | 4.07 | 7.07 | 2 | C | 0 |
| 20022 | | Pallas V | .027 | .029 | .999 | 1.5 | 1.7 | 1.68 | 2.92 | 1 | pM | 0 |
| 20025 | | | .020 | .053 | .998 | 1.1 | 3.0 | 2.70 | 4.69 | 2 | C | 0 |
| 20026 | | Pallas F | .023 | .060 | .998 | 1.3 | 3.4 | 11.03 | 19.17 | 4f | aMC | 0 |
| 20026A | | Pallas W | .021 | .062 | .998 | 1.2 | 3.6 | 2.15 | 3.74 | 1 | pMC | 0 |
| 20027 | | Pallas E | .025 | .070 | .997 | 1.4 | 4.0 | 15.82 | 27.50 | 4f | aMC | 0 |
| 20028 | | Pallas H | .027 | .081 | .996 | 1.6 | 4.6 | 3.07 | 5.34 | 1 | C | 0 |
| 20029 | 1225 | Pallas | .028 | .096 | .995 | 1.6 | 5.5 | 28.52 | 49.57 | 3 | C | P |
| 20036 | | | .035 | .063 | .997 | 2.0 | 3.6 | 15.31 | 26.61 | 5f | aMC | 0 |
| 20037 | | | .036 | .074 | .997 | 2.1 | 4.2 | 6.99 | 12.15 | 4 | C | 0 |
| 20044 | 1229A | Pallas D | .045 | .041 | .998 | 2.6 | 2.3 | 2.35 | 4.08 | 1 | pMC | 0 |
| 20047 | 1227 | Pallas B | .045 | .073 | .996 | 2.6 | 4.2 | 2.20 | 3.82 | 1 | C | 0 |
| 20047A | | | .046 | .074 | .996 | 2.6 | 4.2 | 13.12 | 22.80 | 4 | C | 0 |
| 20059 | | Pallas X | .056 | .090 | .994 | 3.2 | 5.2 | 1.64 | 2.85 | 1 | C | 0 |
| 20069 | 1218A | Bode L | .066 | .098 | .993 | 3.8 | 5.6 | 2.66 | 4.62 | 1 | C | 0 |
| 20070 | 1248A | Sömmering M | .078 | .000 | .997 | 4.5 | 0.0 | 15.91 | 27.65 | 5f | aMC | 0 |
| 20087 | | | .086 | .076 | .993 | 4.9 | 4.4 | 22.90 | 39.80 | 5f | aMC | 0 |
| 20092 | | | .097 | .029 | .995 | 5.6 | 1.7 | 2.18 | 3.79 | 2 | pMC | 0 |
| 20115 | 1214 | Bode A | .020 | .156 | .988 | 1.2 | 9.0 | 7.10 | 12.34 | 1 | C | 0 |
| 20119 | | Ukert J | .010 | .191 | .982 | 0.6 | 11.0 | 1.88 | 3.27 | 1 | C | 0 |
| 20136 | 1217A | Bode K | .039 | .162 | .986 | 2.3 | 9.3 | 3.48 | 6.05 | 1 | C | 0 |
| 20140 | 1226 | Pallas A | .040 | .104 | .994 | 2.3 | 6.0 | 6.09 | 10.59 | 1 | C | 0 |
| 20141 | 1212 | Bode | .042 | .117 | .992 | 2.4 | 6.7 | 10.69 | 18.58 | 1 | C | R |
| 20151 | | | .059 | .118 | .991 | 3.4 | 6.8 | 2.19 | 3.81 | 2 | C | 0 |
| 20152 | 1216 | Bode D | .057 | .126 | .990 | 3.3 | 7.2 | 2.15 | 3.74 | 2 | C | 0 |
| 20155 | 1215 | Bode B | .053 | .152 | .987 | 3.1 | 8.7 | 5.87 | 10.20 | 1 | C | 0 |
| 20161 | 1213 | Bode G | .061 | .110 | .992 | 3.5 | 6.3 | 2.53 | 4.40 | 1 | C | 0 |
| 20166 | (1251) | Bode BA | .069 | .169 | .983 | 4.0 | 9.7 | 2.61 | 4.54 | 1 | C | 0 |
| 20169 | | Bode N | .066 | .190 | .980 | 3.9 | 11.0 | 3.49 | 6.07 | 3 | C | 0 |
| 20179 | | | .075 | .199 | .977 | 4.4 | 11.5 | 8.54 | 14.84 | 4f | aMC | 0 |
| 20183 | | | .082 | .132 | .988 | 4.7 | 7.6 | 2.09<br>1.44 | 3.63<br>2.50 | 3 | C | 0 |
| 20194 | | | .097 | .143 | .985 | 5.6 | 8.2 | 2.04 | 3.55 | 2 | C | 0 |
| 20195 | | | .094 | .157 | .983 | 5.5 | 9.0 | 9.96 | 17.31 | 4f | aMC | 0 |
| 20201 | | | .007 | .211 | .977 | 0.4 | 12.2 | 11.67 | 20.28 | 4f | aMC | 0 |
| 20209 | | Marco Polo P | .003 | .291 | .957 | 0.2 | 16.9 | 18.04 | 31.36 | 4f | C | 0 |
| 20213 | | Marco Polo T | .017 | .235 | .972 | 1.0 | 13.6 | 1.80 | 3.13 | 1 | C | 0 |
| 20235 | 1202 | Marco Polo A | .033 | .257 | .966 | 2.0 | 14.9 | 3.99 | 6.94 | 1 | C | 0 |
| 20236 | 1201 | Marco Polo | .034 | .266 | .963 | 2.0 | 15.4 | 15.94<br>12.33 | 27.71<br>21.43 | 4 | C | 0 |
| 20236A | | | .036 | .263 | .964 | 2.1 | 15.2 | 2.10 | 3.65 | 1 | C | 0 |
| 20238 | 1203A | Marco Polo G | .032 | .287 | .957 | 1.9 | 16.7 | 2.98 | 5.18 | 2 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20239 | 1203 | Marco Polo B | -.031 | +.295 | +.955 | - 1.9 | +17.2 | 3.95 | 6.87 | 1 | C | 0 |
| 20241 | | Bode EA | .044 | .211 | .976 | 2.6 | 12.2 | 2.29 | 3.98 | 2 | C | 0 |
| 20251 | 1219A | Bode E | .058 | .215 | .975 | 3.4 | 12.4 | 4.03 | 7.00 | 2 | pMC | 0 |
| 20262 | | | .066 | .225 | .972 | 3.9 | 13.0 | 4.29<br>2.26 | 7.46<br>3.93 | 3 | pMC | 0 |
| 20265 | 1204A | Marco Polo D | .063 | .257 | .964 | 3.7 | 14.9 | 3.63 | 6.31 | 1 | C | 0 |
| 20277 | 1201A | Marco Polo F | .076 | .271 | .960 | 4.5 | 15.7 | 2.33 | 4.05 | 1 | C | 0 |
| 20281 | 1217 | Bode C | .081 | .212 | .974 | 4.8 | 12.2 | 4.00 | 6.95 | 1 | pM | 0 |
| 20284 | 1204 | Marco Polo C | .084 | .242 | .967 | 5.0 | 14.0 | 3.95 | 6.87 | 1 | C | 0 |
| 20285 | | Marco Polo L | .084 | .256 | .963 | 5.0 | 14.8 | 12.18 | 21.17 | 4 | C | 0 |
| 20285A | | | .084 | .250 | .965 | 5.0 | 14.5 | 2.09 | 3.63 | 2 | C | 0 |
| 20296 | | | .097 | .261 | .960 | 5.8 | 15.1 | 2.38 | 4.14 | 2 | C | 0 |
| 20308 | | Bradley H | .005 | .389 | .921 | 0.3 | 22.9 | 2.89 | 5.02 | 1 | C | 0 |
| 20319 | | Bradley K | .012 | .395 | .919 | 0.7 | 23.3 | 2.77 | 4.81 | 1 | C | 0 |
| 20320 | 1203B | Marco Polo H | .028 | .306 | .952 | 1.7 | 17.8 | 3.26 | 5.67 | 2 | C | 0 |
| 20320A | | Marco Polo M | .022 | .302 | .953 | 1.3 | 17.6 | 17.89 | 31.10 | 5 | C | 0 |
| 20320B | | Marco Polo J | .020 | .308 | .951 | 1.2 | 17.9 | 3.96 | 6.88 | 2 | C | 0 |
| 20321 | 1203C | Marco Polo K | .024 | .312 | .950 | 1.4 | 18.2 | 6.26 | 10.88 | 3 | C | 0 |
| 20333 | 1200 | Huygens A | .031 | .338 | .941 | 1.9 | 19.8 | 4.46 | 7.75 | 2 | C | 0 |
| 20336 | | Huygens M | .036 | .369 | .929 | 2.2 | 21.7 | 2.56 | 4.45 | 3 | C | 0 |
| 20343 | | | .046 | .334 | .941 | 2.8 | 19.5 | 2.85 | 4.95 | 2 | C | 0 |
| 20354 | | | .059 | .345 | .937 | 3.6 | 20.2 | 15.78 | 27.43 | 5f | aMC | 0 |
| 20374 | 1294B | Wallace B | .074 | .345 | .936 | 4.5 | 20.2 | 2.36 | 4.10 | 1 | pM | 0 |
| 20387 | | Wallace T | .083 | .372 | .925 | 5.1 | 21.8 | 1.74 | 3.02 | 1 | pM | 0 |
| 20390 | | Wallace D | .095 | .307 | .947 | 5.7 | 17.9 | 2.37 | 4.12 | 1 | C | 0 |
| 20392 | 1294A | Wallace A | .092 | .328 | .940 | 5.6 | 19.1 | 2.37 | 4.12 | 1 | pMC | 0 |
| 20416 | | Archimedes K | .019 | .468 | .884 | 1.2 | 27.9 | 6.44 | 11.19 | 4f | aM | 0 |
| 20425 | | Archimedes Z | .022 | .451 | .892 | 1.4 | 26.8 | 1.57 | 2.73 | 1 | pM | 0 |
| 20433 | | Archimedes P | .039 | .437 | .899 | 2.5 | 25.9 | 2.01 | 3.49 | 1 | C | 0 |
| 20437 | | Archimedes Q | .037 | .477 | .878 | 2.4 | 28.5 | 1.48 | 2.57 | 1 | pM | 0 |
| 20442 | | Archimedes L | .041 | .423 | .905 | 2.6 | 25.0 | 2.03 | 3.53 | 1 | C | 0 |
| 20449 | | Archimedes S | .041 | .493 | .869 | 2.7 | 29.5 | 1.56 | 2.71 | 2 | pM | 0 |
| 20453 | | | .056 | .439 | .897 | 3.6 | 26.0 | 2.26 | 3.93 | 3 | C | 0 |
| 20454 | | Archimedes M | .050 | .440 | .897 | 3.2 | 26.1 | 2.00 | 3.48 | 1 | C | 0 |
| 20460 | | Archimedes N | .062 | .409 | .910 | 3.9 | 24.1 | 2.41 | 4.19 | 1 | C | 0 |
| 20469 | 1144 | Archimedes | .060 | .496 | .866 | 4.0 | 29.7 | 47.55 | 82.65 | 2f | aMC | 0 |
| 20484 | | | .090 | .445 | .891 | 5.8 | 26.4 | 2.63 | 4.57 | 3 | C | 0 |
| 20490 | | Archimedes W | .099 | .403 | .910 | 6.2 | 23.8 | 2.09 | 3.63 | 1 | C | 0 |
| 20490A | | | .093 | .406 | .909 | 5.8 | 24.0 | 19.81 | 34.43 | 5 | C | 0 |
| 20497 | 1145 | Archimedes A | .098 | .470 | .877 | 6.4 | 28.0 | 7.53 | 13.09 | 1 | pMC | 0 |
| 20498 | | Archimedes AA | .099 | .480 | .872 | 6.5 | 28.7 | 1.84 | 3.20 | 1 | pM | 0 |
| 20522 | 1147 | Archimedes C | .022 | .524 | .851 | 1.5 | 31.6 | 4.69 | 8.15 | 1 | pM | 0 |
| 20524 | | Archimedes U | .028 | .541 | .841 | 1.9 | 32.8 | 2.00 | 3.48 | 2 | pM | 0 |
| 20527 | 1146<br>921 | Aristillus B | .027 | .570 | .821 | 1.9 | 34.8 | 4.72 | 8.20 | 1 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20533 | 1148 | Archimedes D | -.039 | +.532 | +.846 | - 2.6 | +32.1 | 3.06 | 5.32 | 1 | pM | 0 |
| 20554 | | Archimedes V | .058 | .543 | .838 | 4.0 | 32.9 | 1.76 | 3.06 | 1 | pM | 0 |
| 20570 | | Archimedes T | .075 | .504 | .860 | 5.0 | 30.3 | 1.77 | 3.08 | 1 | pM | 0 |
| 20575 | | | .080 | .552 | .830 | 5.5 | 33.5 | 2.03 | 3.53 | 2 | pM | 0 |
| 20599 | 1143A | Kirch E | .097 | .594 | .799 | 6.9 | 36.4 | 2.24 | 3.89 | 1 | pM | 0 |
| 20603 | 1131A | Piton B | .002 | .633 | .774 | 0.1 | 39.3 | 2.82 | 4.90 | 1 | pM | 0 |
| 20613 | 1131 | Piton A | .013 | .640 | .768 | 1.0 | 39.8 | 3.31 | 5.75 | 1 | pM | 0 |
| 20627 | | Piazzi Smyth W | .024 | .671 | .741 | 1.9 | 42.1 | 1.93 | 3.35 | 1 | pM | 0 |
| 20635 | | Piazzi Smyth U | .036 | .654 | .756 | 2.7 | 40.8 | 1.83 | 3.18 | 1 | pM | 0 |
| 20644 | 1127B | Piazzi Smyth B | .044 | .649 | .760 | 3.3 | 40.5 | 2.24 | 3.89 | 1 | pM | 0 |
| 20646 | 1125 | Piazzi Smyth | .042 | .667 | .744 | 3.2 | 41.8 | 7.36 | 12.79 | 1 | pM | 0 |
| 20647 | | Piazzi Smyth Y | .044 | .679 | .733 | 3.4 | 42.8 | 2.13 | 3.70 | 1 | pM | 0 |
| 20653 | | Kirch K | .054 | .632 | .773 | 4.0 | 39.2 | 1.62 | 2.82 | 1 | pM | 0 |
| 20656 | | Piazzi Smyth Z | .059 | .670 | .740 | 4.6 | 42.1 | 1.83 | 3.18 | 2 | pM | 0 |
| 20665 | | Piazzi Smyth V | .063 | .654 | .754 | 4.8 | 40.8 | 4.07<br>2.24 | 7.07<br>3.89 | 3 | pM | 0 |
| 20673 | 1132 | Kirch | .076 | .632 | .771 | 5.6 | 39.2 | 6.74 | 11.72 | 1 | pM | 0 |
| 20681 | 1143B | Kirch F | .083 | .615 | .784 | 6.0 | 38.0 | 2.44 | 4.24 | 1 | pM | 0 |
| 20692 | | Kirch H | .094 | .629 | .772 | 6.9 | 39.0 | 1.83 | 3.18 | 1 | pM | 0 |
| 20706 | | | .005 | .768 | .640 | 0.4 | 50.2 | 2.44 | 4.24 | 2 | C | 0 |
| 20708 | 1065 | Alps A | .003 | .781 | .625 | 0.3 | 51.4 | 6.40 | 11.12 | 1 | C | 0 |
| 20709 | | Alps AB | .000 | .790 | .613 | 0.0 | 52.2 | 2.57 | 4.47 | 1 | C | 0 |
| 20711 | 1065A | Alps B | .011 | .716 | .698 | 0.9 | 45.7 | 3.13 | 5.44 | 1 | pMC | 0 |
| 20716 | | | .017 | .768 | .640 | 1.5 | 50.2 | 3.06 | 5.32 | 2 | C | 0 |
| 20732 | 1076 | Plato K | .039 | .728 | .684 | 3.3 | 46.7 | 4.19 | 7.28 | 1 | pM | 0 |
| 20738 | | | .036 | .781 | .623 | 3.3 | 51.4 | 2.56 | 4.45 | 2 | C | 0 |
| 20742 | | Plato KA | .043 | .728 | .684 | 3.6 | 46.7 | 3.26 | 5.67 | 1 | pM | 0 |
| 20746 | | | .048 | .766 | .641 | 4.3 | 50.0 | 2.34 | 4.07 | 2 | C | 0 |
| 20746A | | | .048 | .764 | .643 | 4.3 | 49.8 | 2.21 | 3.84 | 2 | C | 0 |
| 20746B | | | .046 | .764 | .644 | 4.1 | 49.8 | 2.21 | 3.84 | 2 | C | 0 |
| 20748 | 1077 | Plato L | .048 | .783 | .620 | 4.4 | 51.5 | 6.39 | 11.11 | 2 | C | 0 |
| 20750 | | Piazzi Smyth M | .052 | .707 | .705 | 4.2 | 45.0 | 1.73 | 3.01 | 1 | pM | 0 |
| 20753A | | Plato KB | .055 | .733 | .678 | 4.6 | 47.1 | 1.95 | 3.39 | 1 | pM | 0 |
| 20755 | 1075 | Plato J | .052 | .754 | .655 | 4.5 | 48.9 | 4.45 | 7.73 | 1 | C | 0 |
| 20755A | | | .055 | .753 | .656 | 4.8 | 48.9 | 3.26 | 5.67 | 2 | C | 0 |
| 20756 | 1068 | Plato N | .056 | .768 | .638 | 5.0 | 50.2 | 2.91<br>4.77 | 5.06<br>8.29 | 3 | C | 0 |
| 20756A | | | .051 | .766 | .641 | 4.6 | 50.0 | 2.03 | 3.53 | 2 | C | 0 |
| 20756B | | | .054 | .764 | .643 | 4.8 | 49.8 | 2.03 | 3.53 | 2 | C | 0 |
| 20768 | 1072 | Plato G | .067 | .789 | .611 | 6.3 | 52.1 | 4.66 | 8.10 | 1 | C | 0 |
| 20773 | 1124 | Pico C | .078 | .733 | .676 | 6.6 | 47.1 | 2.90 | 5.04 | 1 | pM | 0 |
| 20786 | 1077G | Plato U | .083 | .761 | .643 | 7.4 | 49.6 | 3.41 | 5.93 | 1 | C | 0 |
| 20790A | | Pico K | .094 | .702 | .706 | 7.6 | 44.6 | 1.73 | 3.01 | 1 | pM | 0 |
| 20793 | | | .094 | .737 | .669 | 8.0 | 47.5 | 64.99 | 112.96 | 5f | aMC | 0 |
| 20798 | 1062 | Plato | .100 | .782 | .615 | 9.2 | 51.4 | 57.51 | 99.96 | 2f | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20800 | | Plato HA | -.010 | +.808 | +.589 | - 1.0 | +53.9 | 3.26 | 5.67 | 1 | C | 0 |
| 20801 | | | .001 | .815 | .579 | 0.1 | 54.6 | 2.67 | 4.64 | 1 | C | 0 |
| 20808 | 1051 | Timaeus | .004 | .890 | .456 | 0.5 | 62.9 | 18.70 | 32.50 | 2 | C | P |
| 20809 | | | .006 | .899 | .438 | 0.8 | 64.0 | 2.21 | 3.84 | 2 | C | 0 |
| 20814 | | | .019 | .841 | .541 | 2.0 | 57.2 | 22.48 | 39.07 | 5f | aM | 0 |
| 20822 | 1073 | Plato H | .020 | .820 | .572 | 2.0 | 55.1 | 6.24 | 10.85 | 1 | C | 0 |
| 20841 | 1077E | Plato Q | .049 | .814 | .579 | 4.8 | 54.5 | 4.83 | 8.40 | 1 | C | 0 |
| 20841A | | | .040 | .815 | .578 | 4.0 | 54.6 | 2.11 | 3.67 | 2 | C | 0 |
| 20852 | | | .054 | .825 | .563 | 5.5 | 55.6 | 2.36 | 4.10 | 2 | C | 0 |
| 20872 | | Plato V | .072 | .827 | .558 | 7.4 | 55.8 | 3.83 | 6.66 | 1 | C | 0 |
| 20883 | | Plato VA | .085 | .837 | .541 | 8.9 | 56.8 | 2.36 | 4.10 | 1 | pMC | 0 |
| 20887 | | | .082 | .875 | .477 | 9.8 | 61.0 | 21.57 | 37.49 | 4f | aMC | 0 |
| 20889 | 1325 | Birmingham B | .087 | .894 | .440 | 11.2 | 63.4 | 4.07 | 7.07 | 1 | C | 0 |
| 20902 | 1041 | Epigenes A | .003 | .920 | .392 | 0.4 | 66.9 | 10.06 | 17.49 | 1 | C | 0 |
| 20909 | | | .007 | .990 | .141 | 2.8 | 81.9 | 6.94 | 12.06 | 3 | C | 0 |
| 20910 | | | .017 | .902 | .431 | 2.3 | 64.4 | 3.06 | 5.32 | 2 | C | 0 |
| 20912 | | | .017 | .928 | .372 | 2.6 | 68.1 | 4.59 | 7.98 | 2 | C | 0 |
| 20915 | 1023A | Goldschmidt A | .013 | .953 | .303 | 2.5 | 72.4 | 3.76 | 6.54 | 3 | C | 0 |
| 20915A | 1023 | Goldschmidt | .015 | .957 | .290 | 3.0 | 73.1 | 71.85 | 124.89 | 3 | C | 0 |
| 20915B | | | .014 | .952 | .306 | 2.6 | 72.2 | 2.87 | 4.99 | 2 | C | 0 |
| 20916 | | | .017 | .965 | .262 | 3.7 | 74.8 | 2.83 | 4.92 | 2 | C | 0 |
| 20916A | | | .017 | .964 | .265 | 3.7 | 74.6 | 2.14 | 3.72 | 2 | C | 0 |
| 20917 | | | .018 | .971 | .238 | 4.3 | 76.2 | 2.69 | 4.68 | 3 | C | 0 |
| 20923 | 1043 | Epigenes B | .022 | .930 | .367 | 3.4 | 68.4 | 7.90 | 13.73 | 3 | C | 0 |
| 20929 | | | .022 | .998 | .059 | 20.4 | 86.4 | 29.28 | 50.89 | 3f | C | 0 |
| 20929A | | | .029 | .997 | .072 | 22.0 | 85.6 | 7.52 | 13.07 | 2 | C | 0 |
| 20929B | | | .026 | .994 | .106 | 13.8 | 83.7 | 5.32 | 9.25 | 1 | C | 0 |
| 20929C | | | .023 | .990 | .139 | 9.4 | 81.9 | 17.55 | 30.50 | 5 | C | 0 |
| 20932 | 1040 | Epigenes | .032 | .923 | .383 | 4.8 | 67.4 | 31.73 | 55.15 | 2 | C | p? |
| 20933 | | Epigenes H | .039 | .937 | .347 | 6.4 | 69.6 | 3.94 | 6.85 | 1 | C | 0 |
| 20934 | | Goldschmidt B | .039 | .943 | .330 | 6.7 | 70.6 | 5.37 | 9.33 | 1 | C | 0 |
| 20934A | | Goldschmidt C | .036 | .947 | .319 | 6.4 | 71.3 | 3.36 | 5.84 | 3 | C | 0 |
| 20935 | 1027 | Anaxagoras A | .037 | .952 | .304 | 6.9 | 72.2 | 10.60 | 18.42 | 1 | C | ? |
| 20936 | | Goldschmidt D | .034 | .968 | .249 | 7.8 | 75.5 | 8.20 | 14.25 | 1 | C | 0 |
| 20936A | | | .033 | .967 | .253 | 7.4 | 75.2 | 6.22 | 10.81 | 2 | C | 0 |
| 20939 | | | .035 | .999 | .028 | 51.5 | 87.4 | 4.28 | 7.44 | 1 | C | 0 |
| 20939A | | | .039 | .996 | .080 | 25.9 | 84.9 | 20.49 | 35.61 | 4 | C | 0 |
| 20941 | 1043A | Epigenes P | .040 | .910 | .413 | 5.5 | 65.5 | 18.75 | 32.59 | 4 | C | 0 |
| 20943 | | Epigenes G | .044 | .933 | .357 | 7.0 | 68.9 | 2.73 | 4.75 | 1 | C | 0 |
| 20946 | | | .046 | .968 | .247 | 10.6 | 75.5 | 3.56 | 6.19 | 2 | C | 0 |
| 20949 | | | .045 | .998 | .044 | 45.4 | 86.4 | 17.31 | 30.09 | 3 | C | 0 |
| 20949A | | | .042 | .999 | .015 | 69.9 | 87.4 | 10.59 | 18.41 | 2 | C | ? |
| 20950 | | | .050 | .901 | .431 | 6.6 | 64.3 | 3.97 | 6.90 | 3 | C | 0 |
| 20952 | | Epigenes F | .055 | .921 | .386 | 8.1 | 67.1 | 2.62 | 4.55 | 1 | C | 0 |
| 20954 | | | .054 | .946 | .320 | 9.6 | 71.1 | 3.36 | 5.84 | 3 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20955 | 1026 | Anaxagoras | -.050 | +.959 | +.279 | -10.2 | +73.5 | 29.13 | 50.63 | 1 | C | R |
| 20956 | | | .051 | .968 | .246 | 11.7 | 75.5 | 28.92 | 50.27 | 4 | C | 0 |
| 20957 | | | .054 | .975 | .216 | 14.1 | 77.2 | 3.07 | 5.34 | 2 | C | 0 |
| 20958 | | | .057 | .980 | .191 | 16.6 | 78.5 | 12.75 | 22.16 | 4 | C | 0 |
| 20959 | | | .057 | .997 | .052 | 47.4 | 85.6 | 9.81 | 17.05 | 2 | C | ? |
| 20959A | | | .059 | .990 | .128 | 24.7 | 81.9 | 5.08 | 8.83 | 1 | C | 0 |
| 20959B | | | .052 | .998 | .036 | 55.3 | 86.4 | 3.77 | 6.55 | 1 | C | 0 |
| 20960 | | | .064 | .904 | .423 | 8.6 | 64.7 | 2.03 | 3.53 | 1 | C | 0 |
| 20964 | (1027A) | Anaxagoras B | .067 | .942 | .329 | 11.5 | 70.4 | 2.76 | 4.80 | 1 | C | 0 |
| 20969 | | Hermite | .067 | .997 | .039 | 60.1 | 85.6 | 62.61 | 108.83 | 3 | C | pp? |
| 20969A | | | .060 | .996 | .066 | 42.2 | 84.9 | 16.50 | 28.68 | 3 | C | 0 |
| 20970 | 1327A | Birmingham H | .079 | .901 | .427 | 10.5 | 64.3 | 3.89 | 6.76 | 1 | C | 0 |
| 20970A | 1339 | Birmingham | .078 | .905 | .418 | 10.6 | 64.8 | 55.93 | 97.21 | 4 | C | p |
| 20970B | | Birmingham G | .076 | .902 | .425 | 10.1 | 64.4 | 3.45 | 6.00 | 2 | C | 0 |
| 20971 | | | .073 | .913 | .401 | 10.3 | 65.9 | 2.14 | 3.72 | 1 | C | 0 |
| 20973 | | | .072 | .932 | .355 | 11.5 | 68.7 | 31.12 | 54.09 | 5 | C | 0 |
| 20975 | | | .073 | .951 | .300 | 13.7 | 72.0 | 3.80 | 6.60 | 2 | C | 0 |
| 20976 | | | .070 | .965 | .253 | 15.5 | 74.8 | 4.09 | 7.11 | 2 | C | 0 |
| 20978 | | | .071 | .989 | .130 | 28.7 | 81.5 | 10.02 | 17.42 | 4 | C | 0 |
| 20978A | | Mouchez B | .079 | .980 | .183 | 23.4 | 78.5 | 4.09 | 7.11 | 4 | C | 0 |
| 20979 | | | .078 | .993 | .089 | 41.3 | 83.2 | 18.41 | 32.00 | 4 | C | 0 |
| 20979A | | | .077 | .995 | .064 | 50.4 | 84.3 | 18.43 | 32.03 | 4 | C | 0 |
| 20979B | | | .079 | .996 | .042 | 62.1 | 84.9 | 15.27 | 26.54 | 4 | C | 0 |
| 20980 | | | .080 | .907 | .413 | 11.0 | 65.1 | 2.71 | 4.71 | 1 | C | 0 |
| 20980A | | | .086 | .907 | .412 | 11.8 | 65.1 | 2.46 | 4.28 | 1 | C | 0 |
| 20982 | | | .085 | .922 | .378 | 12.7 | 67.2 | 2.31 | 4.02 | 1 | C | 0 |
| 20986 | | | .089 | .960 | .265 | 18.5 | 73.7 | 21.56 | 37.47 | 4 | C | 0 |
| 20988 | | Mouchez A | .080 | .987 | .139 | 29.9 | 80.8 | 29.18 | 50.72 | 3 | C | pp |
| 20988A | | | .081 | .989 | .124 | 33.2 | 81.5 | 2.08 | 3.62 | 2 | C | 0 |
| 20990 | | Birmingham K | .096 | .906 | .412 | 13.1 | 65.0 | 3.40 | 5.91 | 2 | C | 0 |
| 20993 | 1328D | Fontenelle K | .094 | .937 | .336 | 15.6 | 69.6 | 3.78 | 6.57 | 1 | C | 0 |
| 20993A | | | .097 | .938 | .333 | 16.3 | 69.7 | 2.49 | 4.33 | 2 | C | 0 |
| 20993B | | | .094 | .934 | .345 | 15.3 | 69.1 | 2.25 | 3.91 | 2 | C | 0 |
| 20994 | | | .091 | .947 | .308 | 16.5 | 71.3 | 2.84 | 4.94 | 2 | C | 0 |
| 20995 | | | .093 | .955 | .282 | 18.3 | 72.7 | 5.48 | 9.53 | 1 | C | 0 |
| 20995A | | | .092 | .950 | .298 | 17.1 | 71.8 | 2.48 | 4.31 | 1 | C | 0 |
| 20997 | 1028A | Mouchez | .092 | .979 | .182 | 26.8 | 78.2 | 46.95 | 81.61 | 4 | C | 0 |
| 20997A | | Mouchez C | .097 | .976 | .195 | 26.5 | 77.4 | 7.21 | 12.53 | 1 | C | 0 |
| 20999 | | | .095 | .995 | .031 | 72.0 | 84.3 | 13.54 | 23.53 | 3 | C | 0 |
| 20999A | | | .090 | .993 | .076 | 49.6 | 83.2 | 9.43 | 16.39 | 1 | C | 0 |
| 21007 | | | .102 | .075 | .992 | 5.9 | 4.3 | 3.68<br>2.24 | 6.40<br>3.89 | 2 | C | 0 |
| 21013 | | | .117 | .037 | .992 | 6.7 | 2.1 | 14.49 | 25.19 | 4f | aMC | 0 |
| 21014 | 1250A | Schröter E | .118 | .041 | .992 | 6.8 | 2.3 | 1.77 | 3.08 | 1 | pM | 0 |
| 21017 | | Schröter U | .115 | .071 | .991 | 6.6 | 4.1 | 2.31 | 4.02 | 1 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21023 | 1253E | Schröter L | -.128 | +.031 | +.991 | - 7.4 | + 1.8 | 2.05 | 3.56 | 1 | pMC | 0 |
| 21024 | | | .129 | .042 | .991 | 7.4 | 2.4 | 2.25 | 3.91 | 2 | C | 0 |
| 21024A | 1249 | Schröter | .120 | .045 | .992 | 6.9 | 2.6 | 19.85 | 34.50 | 4f | aMC | 0 |
| 21030 | 1242 | Sömmering | .130 | .002 | .992 | 7.5 | 0.1 | 17.10 | 29.72 | 4f | aMC | 0 |
| 21035 | 1253D | Schröter K | .137 | .054 | .989 | 7.9 | 3.1 | 3.09 | 5.37 | 2 | pMC | 0 |
| 21038 | 1250 | Schröter A | .135 | .084 | .987 | 7.8 | 4.8 | 2.41 | 4.19 | 1 | pMC | 0 |
| 21038A | | Schröter W | .134 | .084 | .987 | 7.7 | 4.8 | 5.82 | 10.12 | 2f | aMC | 0 |
| 21045 | 1253C | Schröter H | .149 | .055 | .987 | 8.6 | 3.2 | 2.61 | 4.54 | 1 | pMC | 0 |
| 21065 | 1253B | Schröter G | .163 | .055 | .985 | 9.4 | 3.2 | 3.36 | 5.84 | 1 | pM | 0 |
| 21067 | 1253 | Schröter D | .165 | .078 | .983 | 9.5 | 4.5 | 2.89 | 5.02 | 1 | pM | 0 |
| 21071A | | | .170 | .017 | .985 | 9.8 | 1.0 | 11.14 | 19.36 | 5f | aMC | 0 |
| 21073 | | Gambart BA | .179 | .037 | .983 | 10.3 | 2.1 | 3.77 | 6.55 | 1 | pMC | 0 |
| 21073A | 1248 | Sömmering R | .172 | .032 | .985 | 9.9 | 1.8 | 11.39 | 19.80 | 5f | aMC | 0 |
| 21081A | | | .188 | .014 | .982 | 10.8 | 0.8 | 11.27 | 19.59 | 5f | aMC | 0 |
| 21083 | | Gambart BC | .187 | .034 | .982 | 10.8 | 1.9 | 2.19 | 3.81 | 2 | pMC | 0 |
| 21085 | 1502A | Gambart H | .184 | .056 | .981 | 10.6 | 3.2 | 2.42 | 4.21 | 1 | pM | 0 |
| 21091 | | Sömmering A | .192 | .019 | .981 | 11.1 | 1.1 | 1.85 | 3.22 | 1 | pM | 0 |
| 21094 | | Gambart BB | .197 | .043 | .979 | 11.4 | 2.5 | 1.95 | 3.39 | 1 | pM | 0 |
| 21099 | | Gambart MA | .193 | .098 | .976 | 11.2 | 5.6 | 1.98 | 3.44 | 2 | pM | 0 |
| 21102 | | Schröter F | .102 | .129 | .986 | 5.9 | 7.4 | 19.78 | 34.38 | 5f | aMC | 0 |
| 21104 | 1253A | Schröter J | .105 | .148 | .983 | 6.1 | 8.5 | 3.95 | 6.87 | 1 | pMC | 0 |
| 21111 | | | .114 | .120 | .986 | 6.6 | 6.9 | 2.19 | 3.81 | 2 | pMC | 0 |
| 21112 | | Schröter FA | .118 | .125 | .985 | 6.8 | 7.2 | 2.69 | 4.68 | 1 | pMC | 0 |
| 21115 | | | .115 | .154 | .981 | 6.7 | 8.9 | 1.19<br>2.19 | 2.07<br>3.81 | 3 | pMC | 0 |
| 21132 | | Schröter T | .138 | .122 | .983 | 8.0 | 7.0 | 2.49 | 4.33 | 1 | pMC | 0 |
| 21152 | | Schröter S | .158 | .123 | .980 | 9.2 | 7.1 | 1.76 | 3.06 | 1 | pM | 0 |
| 21164 | 1252 | Schröter C | .168 | .144 | .975 | 9.8 | 8.3 | 4.77 | 8.29 | 3f | aM | 0 |
| 21191A | | | .196 | .115 | .974 | 11.4 | 6.6 | 2.30 | 4.00 | 2 | pM | 0 |
| 21193B | | | .199 | .139 | .970 | 11.6 | 8.0 | 3.65<br>2.62 | 6.34<br>4.55 | 3 | pM | 0 |
| 21197 | | | .196 | .177 | .964 | 11.5 | 10.2 | 2.30<br>1.49 | 4.00<br>2.59 | 2 | pM | 0 |
| 21211 | 1219B | Bode H | .111 | .211 | .971 | 6.5 | 12.2 | 2.64 | 4.59 | 1 | pM | 0 |
| 21227 | 1284A | Wolff A | .129 | .272 | .954 | 7.7 | 15.8 | 3.75 | 6.52 | 1 | C | 0 |
| 21247 | 1284B | Wolff B | .145 | .276 | .950 | 8.7 | 16.0 | 5.38 | 9.35 | 1 | C | 0 |
| 21252 | 1283B | Eratosthenes K | .156 | .222 | .962 | 9.2 | 12.8 | 2.81 | 4.88 | 1 | pM | 0 |
| 21262 | | Eratosthenes KB | .167 | .229 | .959 | 9.9 | 13.2 | 2.13 | 3.70 | 2 | C | 0 |
| 21255 | | Eratosthenes J | .158 | .257 | .953 | 9.4 | 14.9 | 2.09 | 3.63 | 2 | C | 0 |
| 21282 | | Eratosthenes KA | .180 | .220 | .959 | 10.6 | 12.7 | (1.49) | (2.59) | 3 | C | 0 |
| 21289 | 1283D | Eratosthenes D | .180 | .299 | .937 | 10.9 | 17.4 | 2.33 | 4.05 | 1 | pM | 0 |
| 21295 | 1271 | Eratosthenes | .190 | .250 | .949 | 11.3 | 14.5 | 33.53 | 58.28 | 2 | pM | PK? |
| 21300 | | Wallace C | .106 | .303 | .947 | 6.4 | 17.6 | 2.93 | 5.09 | 1 | C | 0 |
| 21312 | | Wallace K | .111 | .330 | .937 | 6.8 | 19.3 | 1.87 | 3.25 | 1 | pM | 0 |
| 21331 | 1283 | Eratosthenes A | .137 | .314 | .939 | 8.3 | 18.3 | 3.73 | 6.48 | 1 | pM | 0 |
| 21342 | 1283A | Eratosthenes B | .143 | .320 | .937 | 8.7 | 18.7 | 3.39 | 5.89 | 1 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21344 | 1294 | Wallace | -.142 | +.346 | +.927 | - 8.7 | +20.2 | 16.28 | 28.30 | 4f | aM | 0 |
| 21346 | | Wallace H | .148 | .363 | .920 | 9.1 | 21.3 | 1.67 | 2.90 | 2 | pM | 0 |
| 21360 | 1283F | Eratosthenes F | .163 | .304 | .939 | 9.9 | 17.7 | 2.65 | 4.61 | 1 | pM | 0 |
| 21370 | 1283E | Eratosthenes E | .179 | .308 | .934 | 10.8 | 17.9 | 2.46 | 4.28 | 1 | pM | 0 |
| 21394 | | | .193 | .344 | .919 | 11.9 | 20.1 | 3.07<br>1.78 | 5.34<br>3.09 | 3 | pM | 0 |
| 21403 | | Archimedes R | .103 | .439 | .893 | 6.6 | 26.0 | 2.08 | 3.62 | 1 | C | 0 |
| 21408 | | Archimedes AB | .106 | .482 | .870 | 6.9 | 28.8 | 1.97 | 3.42 | 2 | pM | 0 |
| 21410 | 1150B | Archimedes H | .112 | .405 | .907 | 7.0 | 23.9 | 1.98 | 3.44 | 2 | C | 0 |
| 21412 | 1149 | Archimedes E | .113 | .422 | .900 | 7.2 | 25.0 | 1.55 | 2.69 | 1 | C | 0 |
| 21413 | | | .115 | .430 | .895 | 7.3 | 25.5 | 2.27<br>1.77 | 3.95<br>3.08 | 2 | C | 0 |
| 21420 | 1150 | Archimedes F | .124 | .409 | .904 | 7.8 | 24.1 | 4.30 | 7.47 | 2 | C | 0 |
| 21426 | 1186A | Beer E | .120 | .467 | .876 | 7.8 | 27.8 | 2.04 | 3.55 | 1 | C | 0 |
| 21426A | | | .121 | .465 | .877 | 7.9 | 27.7 | 2.33 | 4.05 | 2 | C | 0 |
| 21428 | 1150A | Archimedes G | .124 | .486 | .865 | 8.2 | 29.1 | 1.98 | 3.44 | 1 | pM | 0 |
| 21435 | 1185A | Beer A | .133 | .457 | .879 | 8.6 | 27.2 | 2.21 | 3.84 | 1 | C | 0 |
| 21442 | | | .143 | .429 | .892 | 9.1 | 25.4 | 2.23<br>1.24 | 3.88<br>2.16 | 2 | pMC | 0 |
| 21443 | 1185B | Beer B | .141 | .433 | .890 | 9.0 | 25.7 | 1.98 | 3.44 | 1 | pMC | 0 |
| 21445 | 1185 | Beer | .140 | .455 | .879 | 9.0 | 27.1 | 5.84 | 10.15 | 1 | pMC | 0 |
| 21445A | 1186 | Feuillée | .146 | .459 | .876 | 9.5 | 27.3 | 5.78 | 10.05 | 1 | pM | 0 |
| 21449 | | Archimedes Y | .143 | .499 | .855 | 9.5 | 29.9 | 1.48 | 2.57 | 1 | pM | 0 |
| 21470 | | Timocharis K | .174 | .404 | .898 | 11.0 | 23.8 | 1.57 | 2.73 | 2 | pM | 0 |
| 21486 | 1298 | Timocharis B | .186 | .467 | .864 | 12.1 | 27.8 | 2.98 | 5.18 | 1 | pM | 0 |
| 21503 | 1141 | Spitzbergen A | .104 | .540 | .835 | 7.1 | 32.7 | 3.96 | 6.88 | 1 | pM | 0 |
| 21511 | | Archimedes X | .119 | .515 | .849 | 8.0 | 31.0 | 1.61 | 2.80 | 1 | pM | 0 |
| 21524 | 1142 | Spitzbergen C | .128 | .542 | .831 | 8.8 | 32.8 | 3.76 | 6.54 | 1 | pM | 0 |
| 21524A | 1143 | Spitzbergen D | .127 | .548 | .827 | 8.7 | 33.2 | 1.93 | 3.35 | 1 | pM | 0 |
| 21610 | | Kirch G | .112 | .606 | .788 | 8.1 | 37.3 | 1.69 | 2.94 | 1 | pM | 0 |
| 21633 | | Kirch M | .133 | .637 | .759 | 9.9 | 39.6 | 2.03 | 3.53 | 1 | pM | 0 |
| 21637 | 1123A | Pico F | .131 | .671 | .730 | 10.2 | 42.1 | 1.98 | 3.44 | 1 | pM | 0 |
| 21638 | 1123 | Pico E | .131 | .681 | .720 | 10.3 | 42.9 | 5.48 | 9.53 | 1 | pM | 0 |
| 21638A | | Pico EA | .132 | .687 | .715 | 10.5 | 43.4 | 1.95 | 3.39 | 1 | pM | 0 |
| 21648 | 1122 | Pico D | .142 | .687 | .713 | 11.3 | 43.4 | 3.52 | 6.12 | 1 | pM | 0 |
| 21656 | | Le Verrier X | .157 | .663 | .732 | 12.1 | 41.5 | 1.83 | 3.18 | 1 | pM | 0 |
| 21663 | 1302 | Le Verrier D | .164 | .639 | .752 | 12.3 | 39.7 | 5.25 | 9.13 | 1 | pM | 0 |
| 21664 | 1304C | Le Verrier B | .170 | .644 | .746 | 12.8 | 40.1 | 2.92 | 5.08 | 1 | pM | 0 |
| 21680 | | Le Verrier U | .181 | .605 | .775 | 13.1 | 37.2 | 2.00 | 3.48 | 1 | pM | 0 |
| 21683 | | Le Verrier W | .186 | .634 | .751 | 13.9 | 39.3 | 1.88 | 3.27 | 1 | pM | 0 |
| 21691 | | Le Verrier V | .194 | .613 | .766 | 14.2 | 37.8 | 1.83 | 3.18 | 1 | pM | 0 |
| 21705A | | | .108 | .757 | .644 | 9.5 | 49.2 | 3.78 | 6.57 | 2 | C | 0 |
| 21705B | | | .109 | .758 | .643 | 9.6 | 49.3 | 4.11 | 7.14 | 2 | C | 0 |
| 21722 | 1124A | Pico G | .124 | .726 | .676 | 10.4 | 46.6 | 2.14 | 3.72 | 1 | pM | 0 |
| 21739 | | | .132 | .798 | .588 | 12.7 | 52.9 | 6.07 | 10.55 | 4 | C | 0 |
| 21748 | | | .149 | .785 | .601 | 13.9 | 51.7 | 2.12 | 3.68 | 1 | C | 0 |
| 21749 | 1064 | Plato A | .142 | .798 | .586 | 13.6 | 52.9 | 13.64 | 23.71 | 2 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21756 | 1077F | Plato X | -.153 | +.767 | +.623 | -13.8 | +50.1 | 2.61 | 4.54 | 1 | pM | 0 |
| 21759 | | | .156 | .794 | .588 | 14.9 | 52.6 | 4.76 | 8.27 | 3 | C | 0 |
| 21759A | | | .156 | .796 | .585 | 14.9 | 52.7 | 3.21 | 5.58 | 1 | C | 0 |
| 21762 | | Pico BA | .167 | .729 | .664 | 14.1 | 46.8 | 2.08 | 3.62 | 1 | pM | 0 |
| 21766 | 1069 | Plato D | .162 | .761 | .628 | 14.5 | 49.6 | 5.51 | 9.58 | 1 | pM | 0 |
| 21768 | 1074A | Plato P | .163 | .782 | .602 | 15.2 | 51.4 | 4.83 | 8.40 | 1 | pMC | 0 |
| 21769 | 1074 | Plato M | .160 | .799 | .580 | 15.4 | 53.0 | 4.81 | 8.36 | 1 | C | 0 |
| 21769A | 1077H | Plato O | .162 | .790 | .591 | 15.3 | 52.2 | 4.71 | 8.19 | 3 | C | 0 |
| 21769B | 1088 | Plato Y | .168 | .799 | .577 | 16.2 | 53.0 | 6.10 | 10.60 | 1 | C | 0 |
| 21776 | 1070 | Plato E | .180 | .762 | .622 | 16.1 | 49.6 | 3.80 | 6.60 | 1 | pM | 0 |
| 21778 | | | .178 | .784 | .595 | 16.7 | 51.6 | 2.24 | 3.89 | 2 | C | 0 |
| 21779 | 1066 | Plato B | .178 | .799 | .574 | 17.2 | 53.0 | 7.26 | 12.62 | 1f | C | 0 |
| 21779A | | | .175 | .796 | .579 | 16.8 | 52.7 | 3.06 | 5.32 | 2 | C | 0 |
| 21779B | | | .172 | .798 | .578 | 16.6 | 52.9 | 2.00 | 3.48 | 1 | C | 0 |
| 21779C | | | .177 | .793 | .583 | 16.9 | 52.5 | 2.01 | 3.49 | 2 | C | 0 |
| 21782 | 1121 | Pico B | .182 | .724 | .665 | 15.3 | 46.4 | 6.61 | 11.49 | 1 | pM | 0 |
| 21788 | 1071 | Plato F | .185 | .784 | .593 | 17.3 | 51.6 | 4.27 | 7.42 | 2f | pMC | 0 |
| 21788A | | | .180 | .782 | .597 | 16.8 | 51.4 | 3.45 | 6.00 | 3 | pMC | 0 |
| 21788B | | | .182 | .783 | .595 | 17.0 | 51.5 | 3.84 | 6.67 | 3 | pMC | 0 |
| 21789 | | | .184 | .796 | .577 | 17.7 | 52.7 | 2.25 | 3.91 | 1 | C | 0 |
| 21789A | | | .184 | .793 | .581 | 17.6 | 52.5 | 2.24 | 3.89 | 3 | C | 0 |
| 21797A | | | .194 | .779 | .596 | 18.0 | 51.2 | 4.62 | 8.03 | 4f | aMC | 0 |
| 21798 | | | .193 | .781 | .594 | 18.0 | 51.4 | 6.11 | 10.62 | 4f | aMC | 0 |
| 21798A | | | .195 | .789 | .583 | 18.5 | 52.1 | 5.67 | 9.86 | 3f | C | 0 |
| 21798B | | | .199 | .782 | .591 | 18.6 | 51.4 | 3.28 | 5.70 | 1 | C | 0 |
| 21799 | | | .199 | .797 | .570 | 19.2 | 52.8 | 4.40 | 7.65 | 3 | C | 0 |
| 21811 | 1077D | Plato T | .113 | .814 | .570 | 11.2 | 54.5 | 4.49 | 7.80 | 1 | C | 0 |
| 21829 | | Fontenelle P | .129 | .899 | .419 | 17.1 | 64.0 | 3.45 | 6.00 | 1 | pM | 0 |
| 21849 | 1323 | Fontenelle | .145 | .893 | .426 | 18.8 | 63.3 | 21.85 | 37.98 | 2 | pMC | 0 |
| 21849A | | | .144 | .893 | .426 | 18.7 | 63.3 | 2.68 | 4.66 | 2 | C | 0 |
| 21850 | 1077C | Plato S | .152 | .806 | .572 | 14.9 | 53.7 | 3.13 | 5.44 | 2 | pMC | 0 |
| 21850A | | | .150 | .805 | .574 | 14.6 | 53.6 | 3.94 | 6.85 | 2 | C | 0 |
| 21856 | 1328B | Fontenelle G | .159 | .861 | .483 | 18.2 | 59.4 | 2.13 | 3.70 | 1 | pM | 0 |
| 21858 | | | .152 | .889 | .432 | 19.4 | 62.7 | 2.63 | 4.57 | 2 | C | 0 |
| 21858A | | | .156 | .889 | .431 | 19.9 | 62.7 | 2.37 | 4.12 | 2 | C | 0 |
| 21859 | 1328C | Fontenelle H | .150 | .899 | .411 | 20.0 | 64.0 | 3.25 | 5.65 | 2 | C | 0 |
| 21863 | 1077B | Plato W | .165 | .840 | .517 | 17.7 | 57.1 | 2.31 | 4.02 | 1 | pM | 0 |
| 21869 | | | .167 | .897 | .409 | 22.2 | 63.8 | 3.86 | 6.71 | 2 | C | 0 |
| 21869A | | | .165 | .893 | .419 | 21.5 | 63.3 | 4.14 | 7.20 | 2 | C | 0 |
| 21869B | | | .160 | .897 | .412 | 21.2 | 63.8 | 2.90 | 5.04 | 2 | C | 0 |
| 21870 | | Plato BA | .170 | .806 | .567 | 16.7 | 53.7 | 3.13 | 5.44 | 1 | C | 0 |
| 21871 | | Plato BB | .172 | .816 | .552 | 17.3 | 54.7 | 2.48 | 4.31 | 1 | pM | 0 |
| 21871A | | | .179 | .815 | .551 | 18.0 | 54.6 | 4.50 | 7.82 | 4f | aMC | 0 |
| 21880 | 1077A | Plato R | .187 | .806 | .562 | 18.4 | 53.7 | 4.84<br>3.05 | 8.41<br>5.30 | 3 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21880A | | | -.188 | +.808 | +.558 | -18.6 | +53.9 | 2.51 | 4.36 | 2 | C | 0 |
| 21880B | | | .188 | .803 | .566 | 18.4 | 53.4 | 2.50 | 4.35 | 2 | C | 0 |
| 21882 | | La Condamine J | .185 | .829 | .528 | 19.3 | 56.0 | 3.94 | 6.85 | 1 | C | 0 |
| 21888 | 1326 | Fontenelle B | .184 | .881 | .436 | 22.9 | 61.8 | 7.88 | 13.70 | 2f | pM | 0 |
| 21888A | 1326A | Fontenelle D | .183 | .887 | .424 | 23.3 | 62.5 | 9.91 | 17.23 | 2f | aMC | 0 |
| 21890 | 1067 | Plato C | .199 | .800 | .566 | 19.4 | 53.1 | 5.69 | 9.89 | 3 | C | 0 |
| 21890A | | | .191 | .803 | .565 | 18.7 | 53.4 | 3.91 | 6.80 | 3 | C | 0 |
| 21890B | | | .193 | .805 | .561 | 19.0 | 53.6 | 3.35 | 5.82 | 1 | C | 0 |
| 21892 | | La Condamine JA | .192 | .826 | .530 | 19.9 | 55.7 | 3.98 | 6.92 | 2 | C | 0 |
| 21892A | | | .199 | .827 | .526 | 20.7 | 55.8 | 2.95 | 5.13 | 3 | C | 0 |
| 21892B | | | .198 | .824 | .531 | 20.5 | 55.5 | 2.02 | 3.51 | 2 | C | 0 |
| 21894 | | La Condamine X | .198 | .840 | .505 | 21.4 | 57.1 | 2.38 | 4.14 | 1 | pM | 0 |
| 21899 | | | .199 | .894 | .401 | 26.4 | 63.4 | 3.44 | 5.98 | 2 | pMC | 0 |
| 21899A | | | .197 | .896 | .398 | 26.3 | 63.6 | 3.10 | 5.39 | 1 | C | 0 |
| 21901 | | | .106 | .916 | .387 | 15.3 | 66.3 | 2.12 | 3.68 | 2 | C | 0 |
| 21902 | 1324 | Fontenelle A | .106 | .924 | .367 | 16.1 | 67.5 | 12.25 | 21.29 | 1 | C | 0 |
| 21903 | | | .107 | .938 | .330 | 18.0 | 69.7 | 3.03 | 5.27 | 2 | C | 0 |
| 21905 | | | .104 | .954 | .281 | 20.3 | 72.6 | 28.33 | 49.24 | 4 | C | pp? |
| 21905A | | | .102 | .951 | .292 | 19.3 | 72.0 | 5.32 | 9.25 | 1 | C | 0 |
| 21905B | (1343) | Philolaus A | .108 | .957 | .269 | 21.9 | 73.1 | 5.44 | 9.46 | 2 | C | 0 |
| 21906 | | | .107 | .963 | .247 | 23.4 | 74.4 | 3.31 | 5.75 | 2 | C | 0 |
| 21907 | | | .106 | .972 | .210 | 26.8 | 76.4 | 25.72 | 44.71 | 3 | C | 0 |
| 21909 | | | .104 | .990 | .095 | 47.5 | 81.9 | 13.26 | 23.05 | 3 | C | 0 |
| 21911 | 1328E | Fontenelle L | .114 | .917 | .382 | 16.6 | 66.5 | 3.78 | 6.57 | 1 | C | 0 |
| 21912 | 1347 | Philolaus F | .117 | .927 | .356 | 18.2 | 68.0 | 3.95 | 6.87 | 1 | C | 0 |
| 21913 | (1346) | Philolaus E | .112 | .937 | .331 | 18.7 | 69.6 | 7.08 | 12.31 | 2 | C | 0 |
| 21918 | 1347C | Philolaus J | .113 | .984 | .138 | 39.4 | 79.7 | 9.55 | 16.60 | 1 | C | 0 |
| 21919 | | | .110 | .993 | .043 | 68.6 | 83.2 | 7.96 | 13.84 | 2 | C | 0 |
| 21922 | | | .123 | .924 | .362 | 18.8 | 67.5 | 2.87 | 4.99 | 2 | C | 0 |
| 21924 | | | .122 | .942 | .313 | 21.3 | 70.4 | 7.21 | 12.53 | 3 | C | 0 |
| 21925 | | | .129 | .956 | .263 | 26.1 | 72.9 | 2.47 | 4.29 | 3 | C | 0 |
| 21926 | 1345 | Philolaus D | .126 | .962 | .242 | 27.5 | 74.2 | 56.76 | 98.66 | 4 | C | 0 |
| 21927 | | | .124 | .972 | .200 | 31.9 | 76.4 | 17.68 | 30.73 | 4 | C | 0 |
| 21927A | | | .127 | .974 | .188 | 34.1 | 76.9 | 3.64 | 6.33 | 1 | C | 0 |
| 21928 | 1347A | Philolaus L | .128 | .980 | .152 | 40.0 | 78.5 | 11.25 | 19.55 | 1 | C | 0 |
| 21928A | 1347B | Philolaus M | .129 | .985 | .115 | 48.4 | 80.1 | 9.69 | 16.84 | 1 | C | 0 |
| 21929 | 1347D | Philolaus N | .122 | .991 | .055 | 65.7 | 82.3 | 10.67 | 18.55 | 1 | C | 0 |
| 21929A | | Sylvester | .125 | .992 | .018 | 82.0 | 82.7 | 33.60 | 58.40 | 2 | C | ? |
| 21932 | | | .137 | .922 | .362 | 20.7 | 67.2 | 2.77 | 4.81 | 1 | C | 0 |
| 21937 | | | .137 | .970 | .201 | 34.3 | 75.9 | 8.39 | 14.58 | 3 | C | 0 |
| 21940 | | Fontenelle R | .140 | .900 | .413 | 18.7 | 64.2 | 3.50 | 6.08 | 1 | C | 0 |
| 21940A | | | .146 | .902 | .406 | 19.8 | 64.4 | 2.34 | 4.07 | 2 | C | 0 |
| 21943 | 1344 | Philolaus B | .143 | .937 | .319 | 24.2 | 69.6 | 6.18 | 10.74 | 2f | C | 0 |
| 21943A | | | .142 | .933 | .331 | 23.2 | 68.9 | 60.98 | 105.99 | 4f | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21944 | | | -.144 | +.948 | +.284 | -26.9 | +71.4 | 4.72 | 8.20 | 2 | C | 0 |
| 21946 | | Philolaus U | .141 | .966 | .217 | 33.0 | 75.0 | 7.75 | 13.47 | 3 | C | 0 |
| 21946A | | Philolaus W | .145 | .968 | .205 | 35.3 | 75.5 | 9.51 | 16.53 | 2 | C | p |
| 21947 | | | .143 | .976 | .164 | 41.0 | 77.4 | 10.39 | 18.06 | 4 | C | 0 |
| 21948 | | Poncelet P | .141 | .986 | .089 | 57.7 | 80.4 | 10.20 | 17.73 | 2 | C | 0 |
| 21951 | | | .157 | .916 | .369 | 23.0 | 66.3 | 30.91 | 53.73 | 4f | C | 0 |
| 21954 | | | .154 | .949 | .275 | 29.2 | 71.6 | 3.03 | 5.27 | 2 | C | 0 |
| 21956 | | | .150 | .966 | .211 | 35.5 | 75.0 | 10.31 | 17.92 | 3 | C | 0 |
| 21957 | | | .154 | .979 | .134 | 49.1 | 78.2 | 2.84 | 4.94 | 1 | C | 0 |
| 21958 | | Poncelet Q | .151 | .984 | .095 | 57.9 | 79.7 | 7.21 | 12.53 | 1 | C | 0 |
| 21958A | | Poncelet R | .156 | .982 | .106 | 55.7 | 79.1 | 6.35 | 11.04 | 3 | C | 0 |
| 21958B | | | .152 | .988 | .027 | 79.8 | 81.1 | 10.69 | 18.58 | 1 | C | 0 |
| 21965 | 1342 | Philolaus | .165 | .951 | .261 | 32.3 | 72.0 | 40.79 | 70.90 | 2 | C | PP |
| 21968 | | Poncelet S | .163 | .980 | .114 | 55.0 | 78.5 | 5.89 | 10.24 | 1 | C | 0 |
| 21968A | | | .167 | .984 | .062 | 69.6 | 79.7 | 6.46 | 11.23 | 1 | C | 0 |
| 21968B | | | .162 | .986 | .039 | 76.3 | 80.4 | 5.09 | 8.85 | 1 | C | 0 |
| 21970 | | | .179 | .909 | .376 | 25.4 | 65.4 | 2.79 | 4.85 | 2 | C | 0 |
| 21971 | | Fontenelle T | .174 | .915 | .364 | 25.5 | 66.2 | 3.80 | 6.60 | 1 | C | 0 |
| 21971A | | | .175 | .919 | .353 | 26.4 | 66.8 | 2.19 | 3.81 | 2 | C | 0 |
| 21973 | | | .174 | .933 | .315 | 28.9 | 68.9 | 4.73 | 8.22 | 2 | C | 0 |
| 21974 | | Philolaus C | .176 | .945 | .276 | 32.6 | 70.9 | 53.25 | 92.56 | 4 | C | 0 |
| 21976 | | Anaximenes G | .175 | .961 | .214 | 39.3 | 73.9 | 39.09 | 67.94 | 4 | C | 0 |
| 21978 | (1357) | Poncelet A | .174 | .983 | .059 | 71.4 | 79.4 | 17.79 | 30.92 | 1 | C | ? |
| 21978A | | Poncelet B | .175 | .980 | .095 | 61.6 | 78.5 | 17.74 | 30.83 | 3 | C | 0 |
| 21980 | | Fontenelle S | .189 | .908 | .374 | 26.8 | 65.2 | 4.21 | 7.32 | 1 | C | 0 |
| 21980A | | | .185 | .900 | .395 | 25.1 | 64.2 | 3.03 | 5.27 | 2 | C | 0 |
| 21980B | | | .186 | .904 | .385 | 25.8 | 64.7 | 2.49 | 4.33 | 2 | C | 0 |
| 21980C | | | .185 | .902 | .390 | 25.4 | 64.4 | 2.14 | 3.72 | 2 | C | 0 |
| 21986 | | Anaximenes H | .189 | .963 | .192 | 44.5 | 74.4 | 24.19 | 42.05 | 4 | C | 0 |
| 21986A | | Anaximenes HA | .186 | .964 | .190 | 44.4 | 74.6 | 4.66 | 8.10 | 1 | C | 0 |
| 21986B | | | .181 | .961 | .209 | 40.9 | 73.9 | 3.59 | 6.24 | 2 | C | 0 |
| 21987 | | | .184 | .975 | .125 | 55.9 | 77.2 | 17.79 | 30.92 | 4 | C | 0 |
| 21987A | | | .186 | .976 | .113 | 58.7 | 77.4 | 2.05 | 3.56 | 2 | C | 0 |
| 21987B | | | .189 | .970 | .153 | 51.0 | 75.9 | 2.63 | 4.57 | 2 | C | 0 |
| 21988 | | | .186 | .982 | .033 | 80.0 | 79.1 | 6.41 | 11.14 | 2 | C | 0 |
| 21990 | 1328 | Fontenelle C | .197 | .902 | .384 | 27.1 | 64.4 | 7.71 | 13.40 | 1 | C | 0 |
| 21990A | | | .190 | .900 | .392 | 25.8 | 64.2 | 3.63 | 6.31 | 2 | C | 0 |
| 21992 | | | .194 | .928 | .318 | 31.4 | 68.1 | 2.71 | 4.71 | 2 | C | 0 |
| 21992A | | | .198 | .921 | .335 | 30.5 | 67.1 | 2.51 | 4.36 | 2 | C | 0 |
| 21995 | | | .195 | .958 | .210 | 42.8 | 73.3 | 2.70 | 4.69 | 2 | C | 0 |
| 21996 | 1359A | Poncelet | .199 | .969 | .146 | 53.7 | 75.7 | 37.37 | 64.95 | 3 | C | 0 |
| 21996A | | Anaximenes HB | .190 | .964 | .186 | 45.6 | 74.6 | 4.47 | 7.77 | 2 | C | 0 |
| 21997 | | | .195 | .973 | .123 | 57.7 | 76.7 | 3.34 | 5.81 | 1 | C | 0 |
| 21998 | | | .195 | .980 | .040 | 78.5 | 78.5 | 5.44 | 9.46 | 1 | C | 0 |
| 22003 | 1499 | Gambart B | .200 | .038 | .979 | 11.5 | 2.2 | 6.61 | 11.49 | 1 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22003A | 1502 | Gambart G | -.208 | +.034 | +.978 | -12.0 | + 1.9 | 3.36 | 5.84 | 1 | pM | 0 |
| 22005 | 1500 | Gambart C | .204 | .058 | .977 | 11.8 | 3.3 | 7.01 | 12.18 | 1 | pM | 0 |
| 22006 | | Gambart CA | .209 | .066 | .976 | 12.1 | 3.8 | 2.82<br>1.86 | 4.90<br>3.23 | 2 | pM | 0 |
| 22008 | | | .206 | .084 | .975 | 11.9 | 4.8 | 2.88<br>1.79 | 5.01<br>3.11 | 2 | pM | 0 |
| 22009 | 1502E | Gambart M | .202 | .094 | .975 | 11.7 | 5.4 | 2.25 | 3.91 | 1 | pM | 0 |
| 22015 | | | .219 | .059 | .974 | 12.7 | 3.4 | 2.69<br>1.83 | 4.68<br>3.18 | 2 | pM | 0 |
| 22016 | | Gambart CC | .218 | .065 | .974 | 12.6 | 3.7 | 2.30 | 4.00 | 2 | pM | 0 |
| 22017 | | | .210 | .070 | .975 | 12.2 | 4.0 | 2.17<br>1.65 | 3.77<br>2.87 | 2 | pM | 0 |
| 22026 | | Gambart CD | .222 | .061 | .973 | 12.9 | 3.5 | 2.03 | 3.53 | 1 | pM | 0 |
| 22026A | | Gambart CB | .227 | .068 | .972 | 13.2 | 3.9 | 1.49 | 2.59 | 2 | pM | 0 |
| 22028 | | Gambart CE | .226 | .084 | .970 | 13.1 | 4.8 | 1.49 | 2.59 | 1 | pM | 0 |
| 22046 | 1502D | Gambart K | .245 | .068 | .967 | 14.2 | 3.9 | 2.39 | 4.15 | 2 | pM | 0 |
| 22061 | 1497 | Gambart | .262 | .016 | .965 | 15.2 | 0.9 | 14.72 | 25.59 | 2f | aMC | 0 |
| 22065 | 1502C | Gambart L | .262 | .057 | .963 | 15.2 | 3.3 | 2.29 | 3.98 | 1 | pM | 0 |
| 22070 | | Gambart NA | .271 | .004 | .963 | 15.7 | 0.2 | 1.73 | 3.01 | 1 | C | 0 |
| 22073 | | Gambart EA | .276 | .032 | .961 | 16.0 | 1.8 | 2.32 | 4.03 | 3 | pMC | 0 |
| 22078 | | Fauth H | .278 | .083 | .957 | 16.2 | 4.8 | 2.29 | 3.98 | 2 | C | 0 |
| 22079 | | Fauth G | .278 | .092 | .956 | 16.2 | 5.3 | 1.89 | 3.29 | 2 | pMC | 0 |
| 22082 | | | .283 | .025 | .959 | 16.4 | 1.4 | 2.37<br>1.83 | 4.12<br>3.18 | 2 | C | 0 |
| 22090 | 1501A | Gambart F | .291 | .002 | .957 | 16.9 | 0.1 | 2.81 | 4.88 | 2 | C | 0 |
| 22091 | 1502B | Gambart E | .295 | .018 | .955 | 17.2 | 1.0 | 2.51 | 4.36 | 2 | C | 0 |
| 22096 | | | .295 | .068 | .953 | 17.2 | 3.9 | 2.04 | 3.55 | 2 | pMC | 0 |
| 22099 | | Fauth F | .298 | .096 | .950 | 17.4 | 5.5 | 2.86 | 4.97 | 3 | pMC | 0 |
| 22102 | | Schröter M | .200 | .121 | .972 | 11.6 | 6.9 | 3.06 | 5.32 | 2 | pM | 0 |
| 22106 | | Stadius CA | .208 | .161 | .965 | 12.2 | 9.3 | 1.69 | 2.94 | 2 | pM | 0 |
| 22115 | | | .213 | .150 | .965 | 12.4 | 8.6 | 2.02 | 3.51 | 3 | pM | 0 |
| 22116 | 1467A | Stadius C | .219 | .169 | .961 | 12.8 | 9.7 | 1.99 | 3.46 | 1 | pM | 0 |
| 22117 | | | .216 | .177 | .960 | 12.7 | 10.2 | 2.04 | 3.55 | 2 | pM | 0 |
| 22122 | | | .220 | .124 | .968 | 12.8 | 7.1 | 2.04 | 3.55 | 2 | pM | 0 |
| 22127 | 1467I | Stadius L | .220 | .176 | .959 | 12.9 | 10.1 | 1.79<br>2.79 | 3.11<br>4.85 | 2 | pM | 0 |
| 22127A | | | .229 | .173 | .958 | 13.4 | 10.0 | 2.59 | 4.50 | 3 | pM | 0 |
| 22128A | | | .220 | .183 | .958 | 12.9 | 10.5 | 2.01 | 3.49 | 2 | pM | 0 |
| 22129A | | | .225 | .197 | .954 | 13.3 | 11.4 | 2.09 | 3.63 | 2 | pM | 0 |
| 22131 | | Copernicus CB | .231 | .116 | .966 | 13.4 | 6.7 | 3.18<br>2.24 | 5.53<br>3.89 | 2 | pM | 0 |
| 22133 | | Copernicus CC | .237 | .130 | .963 | 13.8 | 7.5 | 1.76 | 3.06 | 2 | pM | 0 |
| 22136 | 1467H | Stadius K | .232 | .168 | .958 | 13.6 | 9.7 | 2.50 | 4.35 | 2 | pM | 0 |
| 22137 | | | .236 | .175 | .956 | 13.9 | 10.1 | 2.12 | 3.68 | 2 | pM | 0 |
| 22137A | | | .230 | .179 | .957 | 13.5 | 10.3 | 2.09 | 3.63 | 2 | pM | 0 |
| 22138A | 1465 | Stadius | .233 | .181 | .955 | 13.7 | 10.4 | 37.06 | 64.42 | 4f | aM | 0 |
| 22141 | | Copernicus CD | .247 | .114 | .962 | 14.4 | 6.5 | 1.79 | 3.11 | 2 | pM | 0 |
| 22149 | 1467F | Stadius G | .250 | .195 | .948 | 14.8 | 11.2 | 2.62<br>3.98 | 4.55<br>6.92 | 3 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22149A | | Stadius Q | -.250 | +.199 | +.948 | -14.8 | +11.5 | 2.27 | 3.95 | 2 | pM | 0 |
| 22151 | | | .254 | .116 | .960 | 14.8 | 6.7 | 2.04<br>1.64 | 3.55<br>2.85 | 2 | pM | 0 |
| 22156 | | | .256 | .166 | .952 | 15.0 | 9.6 | 2.04 | 3.55 | 1 | pM | 0 |
| 22157 | 1467C | Stadius D | .260 | .179 | .949 | 15.3 | 10.3 | 2.08 | 3.62 | 2 | pM | 0 |
| 22158 | 1466 | Stadius A | .251 | .181 | .951 | 14.8 | 10.4 | 2.83 | 4.92 | 2 | pM | 0 |
| 22158A | | | .252 | .189 | .949 | 14.9 | 10.9 | 2.69 | 4.68 | 3 | pM | 0 |
| 22158B | | | .251 | .187 | .950 | 14.8 | 10.8 | 2.09 | 3.63 | 2 | pM | 0 |
| 22159 | | | .259 | .192 | .947 | 15.3 | 11.1 | 2.82 | 4.90 | 2 | pM | 0 |
| 22162 | 1485 | Copernicus C | .264 | .124 | .957 | 15.4 | 7.1 | 3.57 | 6.21 | 1 | pM | 0 |
| 22166 | 1467L | Stadius N | .266 | .163 | .950 | 15.6 | 9.4 | 2.72 | 4.73 | 2 | pM | 0 |
| 22166A | | | .268 | .163 | .950 | 15.8 | 9.4 | 2.46 | 4.28 | 3 | pM | 0 |
| 22166C | | | .269 | .169 | .948 | 15.8 | 9.7 | 2.15 | 3.74 | 3 | pM | 0 |
| 22166D | | | .264 | .167 | .950 | 15.5 | 9.6 | 2.14 | 3.72 | 2 | pM | 0 |
| 22168 | | | .262 | .188 | .947 | 15.5 | 10.8 | 2.42 | 4.21 | 2 | pM | 0 |
| 22169 | | | .269 | .194 | .943 | 15.9 | 11.2 | 2.13 | 3.70 | 2 | pM | 0 |
| 22172 | | Copernicus CA | .274 | .124 | .954 | 16.0 | 7.1 | 2.12 | 3.68 | 1 | pM | 0 |
| 22177 | 1486G | Copernicus P | .272 | .175 | .946 | 16.0 | 10.1 | 2.84 | 4.94 | 2 | pM | 0 |
| 22179 | | | .271 | .198 | .942 | 16.0 | 11.4 | 2.08 | 3.62 | 1 | pM | 0 |
| 22184 | | Copernicus R | .286 | .140 | .948 | 16.8 | 8.0 | 2.50 | 4.35 | 3 | pM | 0 |
| 22189 | | Copernicus PA | .281 | .195 | .940 | 16.7 | 11.3 | 1.66 | 2.89 | 2 | pMC | 0 |
| 22201 | | | .205 | .211 | .956 | 12.1 | 12.2 | 2.14 | 3.72 | 2 | pM | 0 |
| 22202 | | | .203 | .228 | .952 | 12.0 | 13.2 | 2.69<br>1.39 | 4.68<br>2.42 | 3 | C | 0 |
| 22203 | | Eratosthenes H | .206 | .230 | .951 | 12.2 | 13.3 | 1.79 | 3.11 | 2 | C | 0 |
| 22209 | 1283C | Eratosthenes C | .205 | .290 | .935 | 12.4 | 16.9 | 3.20 | 5.56 | 1 | pM | 0 |
| 22220 | 1467 | Stadius B | .230 | .205 | .951 | 13.6 | 11.8 | 3.37 | 5.86 | 1 | pM | 0 |
| 22220A | | | .229 | .208 | .951 | 13.5 | 12.0 | 2.19 | 3.81 | 2 | pM | 0 |
| 22220B | | | .229 | .202 | .952 | 13.5 | 11.7 | 3.78<br>2.20 | 6.57<br>3.82 | 3 | pM | 0 |
| 22222 | | | .221 | .227 | .948 | 13.1 | 13.1 | 2.09 | 3.63 | 2 | pM | 0 |
| 22223 | | | .226 | .239 | .944 | 13.5 | 13.8 | 2.03 | 3.53 | 2 | pM | 0 |
| 22224 | | Eratosthenes M | .228 | .242 | .943 | 13.6 | 14.0 | 1.93 | 3.35 | 2 | pM | 0 |
| 22226 | | Eratosthenes G | .222 | .264 | .939 | 13.3 | 15.3 | 2.90 | 5.04 | 3f | aMC | 0 |
| 22230 | 1467G | Stadius H | .236 | .201 | .951 | 13.9 | 11.6 | 2.16 | 3.75 | 1 | pM | 0 |
| 22230A | | | .234 | .209 | .950 | 13.8 | 12.1 | 2.06 | 3.58 | 2 | pM | 0 |
| 22250A | | Stadius P | .256 | .203 | .945 | 15.2 | 11.7 | 4.32 | 7.51 | 3 | pMC | 0 |
| 22250B | | | .255 | .206 | .945 | 15.1 | 11.9 | 3.69<br>2.49 | 6.41<br>4.33 | 3 | pM | 0 |
| 22250C | | | .253 | .207 | .945 | 15.0 | 11.9 | 2.02 | 3.51 | 2 | pM | 0 |
| 22251 | | Stadius R | .256 | .212 | .943 | 15.2 | 12.2 | 3.29 | 5.72 | 2 | pM | 0 |
| 22253A | | | .259 | .231 | .938 | 15.4 | 13.4 | 2.14 | 3.72 | 2 | pM | 0 |
| 22253C | | | .259 | .233 | .937 | 15.4 | 13.5 | 2.02 | 3.51 | 2 | pM | 0 |
| 22260A | | | .265 | .205 | .942 | 15.7 | 11.8 | 2.09 | 3.63 | 2 | pM | 0 |
| 22261 | 1467D | Stadius E | .262 | .218 | .940 | 15.6 | 12.6 | 2.81 | 4.88 | 2 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22261A | | | -.269 | +.212 | +.940 | -16.0 | +12.2 | 2.17 | 3.77 | 2 | pM | 0 |
| 22262 | 1467E | Stadius F | .263 | .225 | .938 | 15.7 | 13.0 | 2.74 | 4.76 | 2 | pM | 0 |
| 22262A | | Stadius T | .264 | .228 | .937 | 15.7 | 13.2 | 3.50 | 6.08 | 2 | pM | 0 |
| 22262B | | Stadius S | .261 | .223 | .939 | 15.5 | 12.9 | 2.84 | 4.94 | 1 | pM | 0 |
| 22263 | 1467B | Stadius J | .269 | .238 | .933 | 16.1 | 13.8 | 2.87 | 4.99 | 2 | pM | 0 |
| 22263A | | | .267 | .239 | .934 | 16.0 | 13.8 | 2.63 | 4.57 | 1 | pM | 0 |
| 22263D | | | .263 | .235 | .936 | 15.7 | 13.6 | 2.29 | 3.98 | 3 | pM | 0 |
| 22274 | | Stadius U | .274 | .241 | .931 | 16.4 | 13.9 | 2.91 | 5.06 | 2 | pM | 0 |
| 22274A | | Stadius W | .274 | .244 | .930 | 16.4 | 14.1 | 2.86 | 4.97 | 2 | pM | 0 |
| 22274C | | | .270 | .240 | .932 | 16.1 | 13.9 | 2.09 | 3.63 | 3 | pM | 0 |
| 22275 | 1467K | Stadius M | .275 | .254 | .927 | 16.5 | 14.7 | 3.73 | 6.48 | 2 | pM | 0 |
| 22275A | | | .279 | .253 | .926 | 16.8 | 14.7 | 2.41 | 4.19 | 3 | pM | 0 |
| 22275B | | | .276 | .259 | .926 | 16.6 | 15.0 | 2.15 | 3.74 | 2 | pM | 0 |
| 22276 | | | .275 | .260 | .926 | 16.5 | 15.1 | 2.72 | 4.73 | 3 | pM | 0 |
| 22276A | | | .275 | .263 | .925 | 16.6 | 15.2 | 2.99 | 5.20 | 3 | pM | 0 |
| 22280 | | Copernicus KA | .283 | .208 | .936 | 16.8 | 12.0 | 2.48 | 4.31 | 3 | pM | 0 |
| 22281 | | | .284 | .215 | .934 | 16.9 | 12.4 | 2.08 | 3.62 | 3 | pM | 0 |
| 22282 | | | .280 | .221 | .934 | 16.7 | 12.8 | 2.09 | 3.63 | 3 | pM | 0 |
| 22283 | 1486F | Copernicus L | .285 | .233 | .930 | 17.0 | 13.5 | 2.44 | 4.24 | 2 | pM | 0 |
| 22283A | | | .282 | .230 | .931 | 16.8 | 13.3 | 3.78<br>1.92 | 6.57<br>3.34 | 3 | pM | 0 |
| 22284A | | | .281 | .244 | .928 | 16.8 | 14.1 | 2.28 | 3.96 | 2 | pM | 0 |
| 22285 | | | .281 | .253 | .926 | 16.9 | 14.7 | 2.08 | 3.62 | 2 | pM | 0 |
| 22286 | | | .284 | .268 | .921 | 17.1 | 15.5 | 2.35 | 4.08 | 3 | pM | 0 |
| 22287A | | | .289 | .275 | .917 | 17.5 | 16.0 | 2.56 | 4.45 | 2 | pM | 0 |
| 22290 | 1486E | Copernicus K | .293 | .210 | .933 | 17.4 | 12.1 | 3.68 | 6.40 | 3 | pM | 0 |
| 22290A | | | .293 | .204 | .934 | 17.4 | 11.8 | 2.29 | 3.98 | 3 | pM | 0 |
| 22293 | | | .293 | .234 | .927 | 17.5 | 13.5 | 2.03 | 3.53 | 2 | pM | 0 |
| 22294 | | | .290 | .249 | .924 | 17.4 | 14.4 | 2.02 | 3.51 | 2 | pM | 0 |
| 22296 | | | .292 | .260 | .920 | 17.6 | 15.1 | 2.20 | 3.82 | 1 | pMC | 0 |
| 22297A | | | .290 | .277 | .916 | 17.6 | 16.1 | 2.20 | 3.82 | 2 | pM | 0 |
| 22297B | | | .290 | .277 | .916 | 17.6 | 16.1 | 2.67 | 4.64 | 2 | pM | 0 |
| 22364 | | Pytheas K | .262 | .340 | .903 | 16.2 | 19.9 | 1.29 | 2.24 | 2 | pM | 0 |
| 22365 | | Pytheas H | .266 | .350 | .898 | 16.5 | 20.5 | 1.66 | 2.89 | 1 | pM | 0 |
| 22371 | | Pytheas L | .275 | .319 | .907 | 16.9 | 18.6 | 1.85 | 3.22 | 1 | pM | 0 |
| 22384 | | Pytheas M | .286 | .340 | .896 | 17.7 | 19.9 | 1.76 | 3.06 | 1 | pM | 0 |
| 22386 | 1409B | Pytheas G | .282 | .368 | .886 | 17.7 | 21.6 | 1.98 | 3.44 | 1 | pM | 0 |
| 22404 | 1296 | Timocharis | .202 | .449 | .870 | 13.1 | 26.7 | 20.26 | 35.21 | 1 | pM | PK? |
| 22404A | | | .202 | .448 | .871 | 13.1 | 26.6 | 2.72 | 4.73 | 2 | pMC | 0 |
| 22421 | 1298A | Timocharis C | .222 | .419 | .880 | 14.2 | 24.8 | 2.27 | 3.95 | 1 | pMC | 0 |
| 22430 | 1298B | Timocharis D | .239 | .404 | .883 | 15.1 | 23.8 | 1.93 | 3.35 | 1 | pM | 0 |
| 22433 | | Timocharis AA | .232 | .431 | .872 | 14.9 | 25.5 | 1.58 | 2.75 | 1 | pM | 0 |
| 22441 | 1297 | Timocharis A | .240 | .420 | .875 | 15.3 | 24.8 | 4.27 | 7.42 | 1 | pM | 0 |
| 22460 | | Timocharis H | .261 | .400 | .879 | 16.5 | 23.6 | 1.49 | 2.59 | 2 | pM | 0 |
| 22461 | 1298C | Timocharis E | .267 | .416 | .869 | 17.1 | 24.6 | 2.47 | 4.29 | 1 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22511 | 1298D | Timocharis F | -.218 | +.519 | +.827 | -14.8 | +31.3 | 3.81 | 6.62 | 1 | pM | 0 |
| 22513 | | Carlini DA | .218 | .533 | .818 | 14.9 | 32.2 | 1.85 | 3.22 | 1 | pM | 0 |
| 22524 | | Carlini DB | .221 | .543 | .810 | 15.3 | 32.9 | 1.87 | 3.25 | 1 | pM | 0 |
| 22534 | 1394 | Carlini D | .231 | .544 | .807 | 16.0 | 33.0 | 5.34 | 9.28 | 1 | pM | 0 |
| 22589 | | Helicon BA | .285 | .596 | .751 | 20.8 | 36.6 | 1.73 | 3.01 | 1 | pM | 0 |
| 22617 | 1303 | Le Verrier E | .216 | .674 | .706 | 17.0 | 42.4 | 3.80 | 6.60 | 1 | pM | 0 |
| 22631 | 1304B | Le Verrier A | .234 | .617 | .751 | 17.3 | 38.1 | 2.56 | 4.45 | 1 | pM | 0 |
| 22649 | | Laplace FA | .246 | .697 | .674 | 20.1 | 44.2 | 1.63 | 2.83 | 1 | pM | 0 |
| 22664 | 1304 | Le Verrier | .268 | .647 | .714 | 20.6 | 40.3 | 12.15 | 21.12 | 2 | pM | 0 |
| 22672 | | Le Verrier S | .274 | .628 | .728 | 20.6 | 38.9 | 1.73 | 3.01 | 1 | pM | 0 |
| 22674 | 1304A | Le Verrier T | .271 | .640 | .719 | 20.7 | 39.8 | 2.28 | 3.96 | 1 | pM | 0 |
| 22681 | 1300 | Helicon B | .286 | .614 | .736 | 21.2 | 37.9 | 3.24 | 5.63 | 1 | pM | 0 |
| 22694 | 1299 | Helicon | .298 | .648 | .701 | 23.0 | 40.4 | 14.14 | 24.58 | 2 | pM | 0 |
| 22704 | 1322B | Montes Recti B | .208 | .748 | .630 | 18.3 | 48.4 | 4.88 | 8.48 | 1 | pMC | 0 |
| 22708 | 1319D | Laplace M | .208 | .790 | .577 | 19.8 | 52.2 | 4.25 | 7.39 | 3 | C | 0 |
| 22716 | 1319 | Laplace E | .217 | .769 | .601 | 19.8 | 50.3 | 4.23 | 7.35 | 2 | C | 0 |
| 22717 | 1316 | Laplace B | .212 | .780 | .589 | 19.8 | 51.3 | 3.05 | 5.30 | 2 | C | 0 |
| 22719 | | | .213 | .790 | .575 | 20.3 | 52.2 | 6.07<br>4.33 | 10.55<br>7.53 | 3 | C | 0 |
| 22726 | | | .221 | .768 | .601 | 20.2 | 50.2 | 4.06 | 7.06 | 3 | C | 0 |
| 22727 | 1319B | Laplace K | .225 | .775 | .591 | 20.9 | 50.8 | 4.76<br>7.24 | 8.27<br>12.58 | 4 | C | 0 |
| 22727A | | | .228 | .770 | .596 | 20.9 | 50.4 | 2.56 | 4.45 | 1 | C | 0 |
| 22728 | 1319C | Laplace L | .222 | .784 | .580 | 21.0 | 51.6 | 4.16 | 7.23 | 1 | C | 0 |
| 22728A | | | .228 | .784 | .577 | 21.5 | 51.6 | 4.04 | 7.02 | 2 | C | 0 |
| 22729 | | | .220 | .792 | .570 | 21.1 | 52.4 | 2.53 | 4.40 | 2 | C | 0 |
| 22729A | | | .225 | .794 | .565 | 21.7 | 52.6 | 2.41 | 4.19 | 1 | C | 0 |
| 22731 | 1321 | Laplace F | .237 | .713 | .660 | 19.8 | 45.5 | 3.56 | 6.19 | 1 | pM | 0 |
| 22737 | | | .233 | .773 | .590 | 21.5 | 50.6 | 2.44 | 4.24 | 1 | C | 0 |
| 22738 | | | .235 | .783 | .576 | 22.2 | 51.5 | 3.51 | 6.10 | 3 | C | 0 |
| 22739 | 1319A | Laplace H | .234 | .793 | .562 | 22.6 | 52.5 | 3.01 | 5.23 | 2 | pMC | 0 |
| 22748 | | Laplace HA | .245 | .785 | .569 | 23.3 | 51.7 | 3.85 | 6.69 | 1 | pMC | 0 |
| 22748A | | | .240 | .782 | .575 | 22.6 | 51.4 | 5.64 | 9.80 | 3 | C | 0 |
| 22749 | 1368L | La Condamine P | .242 | .796 | .555 | 23.6 | 52.7 | 5.82 | 10.12 | 3 | C | 0 |
| 22749A | | La Condamine Q | .246 | .794 | .556 | 23.9 | 52.6 | 4.64<br>6.29 | 8.07<br>10.93 | 2 | C | 0 |
| 22749B | | | .249 | .798 | .549 | 24.4 | 52.9 | 4.00 | 6.95 | 2 | C | 0 |
| 22756 | | | .254 | .763 | .594 | 23.1 | 49.7 | 2.54 | 4.41 | 3 | C | 0 |
| 22758 | | | .258 | .782 | .567 | 24.5 | 51.4 | 3.15 | 5.48 | 2 | C | 0 |
| 22759 | | | .255 | .795 | .550 | 24.9 | 52.7 | 3.58<br>6.12 | 6.22<br>10.64 | 3 | C | 0 |
| 22759A | | | .257 | .796 | .548 | 25.1 | 52.7 | 4.91 | 8.53 | 3 | C | 0 |
| 22759B | | | .252 | .796 | .550 | 24.6 | 52.7 | 3.28 | 5.70 | 3 | C | 0 |
| 22766 | 1382 | Maupertuis C | .260 | .768 | .585 | 24.0 | 50.2 | 5.60 | 9.73 | 3f | C | 0 |
| 22766A | | | .266 | .761 | .592 | 24.2 | 49.6 | 2.34 | 4.07 | 1 | C | 0 |
| 22767 | 1381 | Maupertuis A | .265 | .772 | .578 | 24.6 | 50.5 | 8.15 | 14.17 | 1 | C | 0 |
| 22767A | | | .260 | .779 | .571 | 24.5 | 51.2 | 3.87 | 6.73 | 3 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22768 | 1368A | La Condamine K | -.267 | +.786 | +.558 | -25.6 | +51.8 | 4.82 | 8.38 | 2 | C | 0 |
| 22768A | | | .264 | .785 | .560 | 25.2 | 51.7 | 3.75 | 6.52 | 3 | C | 0 |
| 22768B | | | .262 | .782 | .566 | 24.9 | 51.4 | 4.02 | 6.99 | 3 | C | 0 |
| 22769 | 1368G | La Condamine H | .269 | .799 | .538 | 26.6 | 53.0 | 3.94 | 6.85 | 2 | C | 0 |
| 22775 | | Maupertuis K | .276 | .758 | .591 | 25.0 | 49.3 | 3.18 | 5.53 | 1 | C | 0 |
| 22776 | | | .270 | .766 | .583 | 24.8 | 50.0 | 2.95 | 5.13 | 1 | C | 0 |
| 22777 | | | .270 | .770 | .578 | 25.0 | 50.4 | 2.85 | 4.95 | 2 | C | 0 |
| 22779 | | | .277 | .791 | .546 | 26.9 | 52.3 | 4.36 | 7.58 | 3 | C | 0 |
| 22787 | | | .286 | .775 | .564 | 26.9 | 50.8 | 3.07 | 5.34 | 3 | C | 0 |
| 22788 | 1368 | Maupertuis B | .281 | .780 | .559 | 26.7 | 51.3 | 3.56 | 6.19 | 2 | C | 0 |
| 22789 | | | .282 | .790 | .544 | 27.4 | 52.2 | 5.10 | 8.86 | 3 | C | 0 |
| 22793 | 1318 | Laplace D | .293 | .734 | .613 | 25.6 | 47.2 | 6.33 | 11.00 | 1 | C | 0 |
| 22796 | 1380 | Maupertuis | .297 | .761 | .577 | 27.2 | 49.6 | 26.27 | 45.66 | 4 | C | 0 |
| 22801 | 1368M | La Condamine R | .208 | .818 | .536 | 21.2 | 54.9 | 3.58 | 6.22 | 1 | pM | 0 |
| 22802 | | | .208 | .824 | .527 | 21.5 | 55.5 | 2.71 | 4.71 | 3 | aMC | 0 |
| 22809 | | | .200 | .895 | .399 | 26.6 | 63.5 | 2.51 | 4.36 | 2 | C | 0 |
| 22809A | | | .203 | .894 | .399 | 26.9 | 63.4 | 3.66 | 6.36 | 2 | C | 0 |
| 22819 | 1328F | Fontenelle M | .218 | .891 | .398 | 28.7 | 63.0 | 5.14 | 8.93 | 1 | C | 0 |
| 22819A | 1328G | Fontenelle N | .217 | .898 | .383 | 29.6 | 63.9 | 4.75 | 8.26 | 1 | C | 0 |
| 22819B | | | .215 | .891 | .400 | 28.3 | 63.0 | 3.22 | 5.60 | 2 | C | 0 |
| 22819C | | | .211 | .896 | .391 | 28.4 | 63.6 | 2.83 | 4.92 | 2 | C | 0 |
| 22821 | | | .227 | .812 | .538 | 22.9 | 54.3 | 3.56 | 6.19 | 3 | C | 0 |
| 22821A | | La Condamine U | .224 | .814 | .536 | 22.7 | 54.5 | 4.14 | 7.20 | 2f | pMC | 0 |
| 22824 | | La Condamine S | .229 | .841 | .490 | 25.0 | 57.2 | 2.25 | 3.91 | 1 | pM | 0 |
| 22826 | | Fontenelle X | .229 | .870 | .437 | 27.7 | 60.5 | 4.24 | 7.37 | 1 | pMC | 0 |
| 22827 | | | .227 | .874 | .430 | 27.8 | 60.9 | 5.04 | 8.76 | 2 | pMC | 0 |
| 22827A | | | .228 | .875 | .427 | 28.1 | 61.0 | 4.89 | 8.50 | 2 | pMC | 0 |
| 22829 | | | .227 | .891 | .393 | 30.0 | 63.0 | 3.82 | 6.64 | 2 | C | 0 |
| 22829A | | | .227 | .896 | .382 | 30.7 | 63.6 | 3.45 | 6.00 | 3 | C | 0 |
| 22829B | | | .221 | .898 | .380 | 30.2 | 63.9 | 2.66 | 4.62 | 2 | C | 0 |
| 22830 | | | .238 | .801 | .549 | 23.4 | 53.2 | 5.77 | 10.03 | 3 | pMC | 0 |
| 22830A | | | .237 | .804 | .545 | 23.5 | 53.5 | 3.76 | 6.54 | 3 | C | 0 |
| 22830B | | | .232 | .806 | .545 | 23.1 | 53.7 | 2.64 | 4.59 | 3 | C | 0 |
| 22831 | | La Condamine V | .237 | .813 | .532 | 24.0 | 54.4 | 3.57 | 6.21 | 1 | C | 0 |
| 22833 | | | .230 | .835 | .500 | 24.7 | 56.6 | 4.83 | 8.40 | 4f | aM | 0 |
| 22837 | | | .234 | .874 | .426 | 28.8 | 60.9 | 2.81 | 4.88 | 2 | pM | 0 |
| 22838 | 1682H | J. Herschel R | .235 | .887 | .397 | 30.6 | 62.5 | 5.67 | 9.86 | 2 | C | 0 |
| 22838A | | | .236 | .885 | .401 | 30.5 | 62.3 | 4.10 | 7.13 | 2 | C | 0 |
| 22838B | | | .232 | .884 | .406 | 29.8 | 62.1 | 2.66 | 4.62 | 2 | C | 0 |
| 22838C | | | .238 | .882 | .407 | 30.3 | 61.9 | 3.00 | 5.21 | 3 | C | 0 |
| 22839 | | | .232 | .893 | .386 | 31.0 | 63.3 | 2.85 | 4.95 | 2 | C | 0 |
| 22839A | | | .234 | .890 | .391 | 30.9 | 62.9 | 2.93 | 5.09 | 2 | C | 0 |
| 22839B | | | .235 | .892 | .386 | 31.3 | 63.1 | 2.77 | 4.81 | 2 | C | 0 |
| 22839C | | | .230 | .898 | .375 | 31.5 | 63.9 | 2.51 | 4.36 | 2 | C | 0 |
| 22840 | | | .245 | .800 | .548 | 24.1 | 53.1 | 3.74 | 6.50 | 2 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22840A | | | -.240 | +.803 | +.546 | -23.7 | +53.4 | 2.22 | 3.86 | 3 | C | 0 |
| 22841 | 1367A | La Condamine O | .247 | .820 | .516 | 25.6 | 55.1 | 4.10 | 7.13 | 2 | pM | 0 |
| 22842 | | | .240 | .822 | .516 | 24.9 | 55.3 | 4.45 | 7.73 | 4f | aM | 0 |
| 22844 | | La Condamine SA | .240 | .844 | .480 | 26.6 | 57.6 | 2.60 | 4.52 | 3 | pM | 0 |
| 22845 | | La Condamine TA | .242 | .850 | .468 | 27.3 | 58.2 | 2.03 | 3.53 | 2 | pM | 0 |
| 22849 | 1682G | J. Herschel P | .242 | .895 | .375 | 32.9 | 63.5 | 3.48 | 6.05 | 1 | C | 0 |
| 22849A | | | .241 | .891 | .385 | 32.1 | 63.0 | 3.91 | 6.80 | 2 | C | 0 |
| 22850 | 1368K | La Condamine N | .255 | .807 | .533 | 25.6 | 53.8 | 4.90 | 8.52 | 3 | pMC | 0 |
| 22850A | | | .251 | .801 | .544 | 24.8 | 53.2 | 3.63 | 6.31 | 2 | C | 0 |
| 22855 | | La Condamine T | .253 | .859 | .445 | 29.6 | 59.2 | 2.95 | 5.13 | 2 | pM | 0 |
| 22859 | | | .258 | .895 | .364 | 35.3 | 63.5 | 2.45 | 4.26 | 3 | C | 0 |
| 22859A | | | .253 | .898 | .360 | 35.1 | 63.9 | 2.17 | 3.77 | 3 | C | 0 |
| 22860 | 1368H | La Condamine L | .268 | .804 | .531 | 26.8 | 53.5 | 4.19 | 7.28 | 3 | C | 0 |
| 22861 | 1368I | La Condamine M | .262 | .810 | .525 | 26.5 | 54.1 | 3.48 | 6.05 | 1 | pMC | 0 |
| 22868 | | | .264 | .887 | .379 | 34.9 | 62.5 | 2.68 | 4.66 | 3 | C | 0 |
| 22870 | | | .272 | .801 | .533 | 27.0 | 53.2 | 2.85 | 4.95 | 2 | C | 0 |
| 22871 | 1368F | La Condamine G | .271 | .817 | .509 | 28.0 | 54.8 | 4.72 | 8.20 | 2 | pMC | 0 |
| 22871A | | | .276 | .813 | .513 | 28.3 | 54.4 | 12.06 | 20.96 | 4f | aMC | 0 |
| 22874 | 1368E | La Condamine F | .278 | .841 | .464 | 30.9 | 57.2 | 4.10 | 7.13 | 1 | pM | 0 |
| 22874A | | | .273 | .845 | .460 | 30.7 | 57.7 | 2.11 | 3.67 | 2 | pM | 0 |
| 22875 | 1367 | La Condamine B | .271 | .855 | .442 | 31.5 | 58.8 | 9.61 | 16.70 | 2 | pM | 0 |
| 22876 | 1682F | J. Herschel N | .271 | .866 | .420 | 32.8 | 60.0 | 4.00 | 6.95 | 1 | pM | 0 |
| 22878 | | | .275 | .887 | .371 | 36.6 | 62.5 | 2.71 | 4.71 | 2 | C | 0 |
| 22878A | | | .274 | .886 | .374 | 36.2 | 62.4 | 2.57 | 4.47 | 2 | C | 0 |
| 22879 | | | .270 | .893 | .360 | 36.9 | 63.3 | 3.38 | 5.87 | 2 | C | 0 |
| 22880 | 1365 | La Condamine | .281 | .803 | .526 | 28.1 | 53.4 | 21.47 | 37.32 | 3 | C | 0 |
| 22884 | 1368D | La Condamine E | .283 | .845 | .454 | 32.0 | 57.7 | 4.53 | 7.87 | 2f | pM | 0 |
| 22884A | | | .282 | .841 | .462 | 31.4 | 57.2 | 3.12 | 5.42 | 2 | pM | 0 |
| 22887 | 1682A | J. Herschel G | .286 | .880 | .379 | 37.0 | 61.6 | 3.89 | 6.76 | 2 | C | 0 |
| 22887A | | | .284 | .874 | .394 | 35.8 | 60.9 | 2.00 | 3.48 | 2 | C | 0 |
| 22887B | | | .289 | .879 | .379 | 37.3 | 61.5 | 2.80 | 4.87 | 2 | C | 0 |
| 22888 | 1682B | J. Herschel K | .289 | .890 | .353 | 39.3 | 62.9 | 4.49 | 7.80 | 2 | C | 0 |
| 22888A | | | .286 | .886 | .365 | 38.1 | 62.4 | 3.22 | 5.60 | 3 | C | 0 |
| 22889 | | | .281 | .896 | .344 | 39.3 | 63.6 | 2.84 | 4.94 | 1 | C | 0 |
| 22891 | 1366 | La Condamine A | .292 | .813 | .504 | 30.1 | 54.4 | 10.10 | 17.56 | 1 | C | 0 |
| 22893 | | | .297 | .837 | .460 | 32.9 | 56.8 | 2.43 | 4.22 | 2 | pM | 0 |
| 22894 | 1682E | J. Herschel M | .294 | .841 | .454 | 32.9 | 57.2 | 4.71 | 8.19 | 3f | aM | 0 |
| 22895 | 1682 | J. Herschel F | .300 | .854 | .425 | 35.2 | 58.6 | 10.98 | 19.08 | 2f | aM | 0 |
| 22896 | | | .297 | .869 | .396 | 36.9 | 60.3 | 2.17 | 3.77 | 2 | C | 0 |
| 22898 | 1679 | J. Herschel C | .298 | .885 | .358 | 39.8 | 62.3 | 7.04 | 12.24 | 1 | C | 0 |
| 22898A | | | .295 | .883 | .365 | 38.9 | 62.0 | 2.40 | 4.17 | 2 | C | 0 |
| 22898B | | | .299 | .883 | .362 | 39.6 | 62.0 | 2.20 | 3.82 | 2 | C | 0 |
| 22899 | | | .290 | .893 | .344 | 40.1 | 63.3 | 2.32 | 4.03 | 2 | C | 0 |
| 22900 | 1328A | Fontenelle F | .204 | .901 | .383 | 28.1 | 64.3 | 6.14 | 10.67 | 1 | C | 0 |
| 22900A | | | .201 | .905 | .375 | 28.2 | 64.8 | 3.48 | 6.05 | 1 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22901 | 1359C | Anaximenes E | -.208 | +.917 | +.340 | -31.4 | +66.5 | 5.46 | 9.49 | 1 | C | 0 |
| 22902 | | | .204 | .920 | .335 | 31.4 | 66.9 | 2.07 | 3.60 | 2 | C | 0 |
| 22903 | | | .209 | .932 | .296 | 35.2 | 68.7 | 3.01 | 5.23 | 3 | C | 0 |
| 22905 | | | .206 | .952 | .226 | 42.3 | 72.2 | 3.45 | 6.00 | 1 | C | 0 |
| 22906 | (1359B) | Poncelet H | .203 | .969 | .141 | 55.3 | 75.7 | 4.07 | 7.07 | 1 | C | 0 |
| 22907 | (1360) | Poncelet C | .209 | .975 | .075 | 70.1 | 77.2 | 41.44 | 72.03 | 3 | C | 0 |
| 22914 | | | .216 | .949 | .230 | 43.2 | 71.6 | 3.01 | 5.23 | 2 | C | 0 |
| 22915 | 1356 | Anaximenes | .211 | .953 | .217 | 44.1 | 72.4 | 45.98 | 79.92 | 3 | C | 0 |
| 22916 | | | .215 | .969 | .122 | 60.5 | 75.7 | 5.09 | 8.85 | 2 | C | 0 |
| 22916A | | | .215 | .962 | .168 | 51.9 | 74.2 | 2.88 | 5.01 | 2 | C | 0 |
| 22917 | | | .214 | .972 | .097 | 65.6 | 76.4 | 4.66 | 8.10 | 1 | C | 0 |
| 22920 | | | .221 | .907 | .358 | 31.7 | 65.1 | 3.40 | 5.91 | 2 | C | 0 |
| 22923 | 1358 | Anaximenes B | .222 | .933 | .283 | 38.1 | 68.9 | 4.87 | 8.46 | 1 | C | 0 |
| 22925 | | | .227 | .950 | .214 | 46.6 | 71.8 | 3.11 | 5.41 | 2 | C | 0 |
| 22927 | | | .225 | .973 | .051 | 77.1 | 76.7 | 25.55 | 44.41 | 2 | C | ? |
| 22930 | | | .235 | .901 | .365 | 32.8 | 64.3 | 2.96 | 5.14 | 2 | C | 0 |
| 22933 | | | .234 | .937 | .259 | 42.1 | 69.6 | 2.37 | 4.12 | 2 | C | 0 |
| 22936 | | | .231 | .962 | .146 | 57.8 | 74.2 | 29.93 | 52.02 | 4 | C | 0 |
| 22940 | | | .245 | .907 | .343 | 35.6 | 65.1 | 2.37 | 4.12 | 2 | C | 0 |
| 22940A | | | .244 | .902 | .356 | 34.4 | 64.4 | 2.28 | 3.96 | 2 | C | 0 |
| 22941 | | | .246 | .913 | .325 | 37.1 | 65.9 | 2.08 | 3.62 | 2 | C | 0 |
| 22942 | | | .241 | .929 | .281 | 40.6 | 68.3 | 2.17 | 3.77 | 3 | C | 0 |
| 22943 | | | .243 | .937 | .251 | 44.1 | 69.6 | 2.28 | 3.96 | 3 | C | 0 |
| 22944 | | | .245 | .940 | .237 | 45.9 | 70.1 | 2.24 | 3.89 | 2 | C | 0 |
| 22945 | | | .243 | .959 | .146 | 59.0 | 73.5 | 4.93 | 8.57 | 2 | C | 0 |
| 22945A | | | .243 | .958 | .152 | 57.9 | 73.3 | 4.35 | 7.56 | 2 | C | 0 |
| 22945B | | | .247 | .959 | .139 | 60.6 | 73.5 | 3.97 | 6.90 | 2 | C | 0 |
| 22946 | (1694A) | Pascal F | .241 | .969 | .054 | 77.3 | 75.7 | 15.72 | 27.32 | 1 | C | 0 |
| 22946A | | Pascal L | .248 | .960 | .130 | 62.3 | 73.7 | 6.69 | 11.63 | 2 | C | 0 |
| 22946B | | | .241 | .965 | .103 | 66.8 | 74.8 | 3.96 | 6.88 | 2 | C | 0 |
| 22952 | | | .254 | .922 | .292 | 41.0 | 67.2 | 3.10 | 5.39 | 1 | C | 0 |
| 22952A | | | .254 | .923 | .289 | 41.3 | 67.4 | 2.17 | 3.77 | 2 | C | 0 |
| 22955 | | Carpenter V | .253 | .950 | .183 | 54.1 | 71.8 | 3.41 | 5.93 | 2 | C | 0 |
| 22955A | | | .250 | .957 | .147 | 59.5 | 73.1 | 3.73 | 6.48 | 2 | C | 0 |
| 22955B | | | .255 | .957 | .138 | 61.5 | 73.1 | 3.67 | 6.38 | 2 | C | 0 |
| 22955C | | | .258 | .953 | .159 | 58.4 | 72.4 | 3.51 | 6.10 | 2 | C | 0 |
| 22956 | (1361) | Pascal | .251 | .963 | .098 | 68.6 | 74.4 | 58.78 | 102.17 | 3f | C | 0 |
| 22956A | (1694) | | .258 | .966 | .017 | 86.3 | 75.0 | 6.41 | 11.14 | 2 | C | 0 |
| 22956B | | | .250 | .962 | .110 | 66.3 | 74.2 | 4.19 | 7.28 | 1 | C | 0 |
| 22961 | | | .261 | .917 | .302 | 40.9 | 66.5 | 2.31 | 4.02 | 2 | C | 0 |
| 22962 | | | .269 | .926 | .265 | 45.4 | 67.8 | 2.32 | 4.03 | 2 | C | 0 |
| 22965 | (1694B) | Pascal G | .266 | .956 | .124 | 65.1 | 72.9 | 7.43 | 12.91 | 1 | C | 0 |
| 22965A | | Carpenter W | .262 | .952 | .158 | 58.9 | 72.2 | 5.62 | 9.77 | 1 | C | 0 |
| 22966 | (1695) | Brianchon | .263 | .964 | .039 | 81.5 | 74.6 | 72.33 | 125.72 | 3 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22966A | | | -.268 | +.963 | +.028 | -83.9 | +74.4 | 3.05 | 5.30 | 2 | C | 0 |
| 22970 | 1693D | Anaximander H | .274 | .907 | .320 | 40.6 | 65.1 | 5.27 | 9.16 | 1 | C | 0 |
| 22970A | | | .278 | .905 | .322 | 40.8 | 64.8 | 4.45 | 7.73 | 3 | C | 0 |
| 22973 | 1692 | Carpenter | .273 | .936 | .222 | 50.9 | 69.4 | 34.34 | 59.69 | 2 | C | P |
| 22974 | | Carpenter U | .279 | .943 | .181 | 57.0 | 70.6 | 13.27 | 23.07 | 3 | C | 0 |
| 22975 | | Carpenter Y | .278 | .950 | .142 | 62.9 | 71.8 | 5.21 | 9.06 | 1 | C | 0 |
| 22982 | 1691 | Anaximander A | .288 | .927 | .240 | 50.2 | 68.0 | 8.97 | 15.59 | 2 | C | 0 |
| 22984 | | Carpenter T | .288 | .941 | .178 | 58.3 | 70.2 | 5.19 | 9.02 | 2 | C | 0 |
| 22985 | (1694C) | Pascal J | .286 | .952 | .109 | 69.1 | 72.2 | 8.02 | 13.94 | 1 | C | 0 |
| 22985A | | Pascal A | .283 | .955 | .089 | 72.6 | 72.7 | 14.71 | 25.57 | 2 | C | 0 |
| 22990 | | | .296 | .904 | .308 | 43.8 | 64.7 | 3.03 | 5.27 | 2 | C | 0 |
| 22991 | | | .293 | .910 | .293 | 45.0 | 65.5 | 2.91 | 5.06 | 2 | C | 0 |
| 22992 | 1693A | Anaximander S | .297 | .929 | .221 | 53.4 | 68.3 | 4.07 | 7.07 | 1 | C | 0 |
| 22992A | | | .297 | .920 | .256 | 49.3 | 66.9 | 3.61 | 6.27 | 2 | C | 0 |
| 22993 | | | .297 | .938 | .179 | 59.0 | 69.7 | 5.14 | 8.93 | 2 | C | 0 |
| 22993A | | | .294 | .938 | .184 | 58.0 | 69.7 | 4.29 | 7.46 | 2 | C | 0 |
| 22994 | | Desargues B | .299 | .943 | .146 | 64.0 | 70.6 | 28.48 | 49.50 | 5 | C | 0 |
| 22994A | | | .290 | .942 | .169 | 59.8 | 70.4 | 4.92 | 8.55 | 1 | C | 0 |
| 22994B | | | .296 | .945 | .139 | 64.8 | 70.9 | 3.77 | 6.55 | 2 | C | 0 |
| 23005 | 1501 | Gambart D | .303 | .059 | .951 | 17.7 | 3.4 | 3.01 | 5.23 | 3 | pM | 0 |
| 23021 | 1498 | Gambart A | .321 | .017 | .947 | 18.7 | 1.0 | 6.89 | 11.98 | 1 | pM | 0 |
| 23022 | | Gambart AA | .328 | .030 | .944 | 19.2 | 1.7 | 1.59 | 2.76 | 1 | pM | 0 |
| 23029 | 1483B | Fauth C | .321 | .091 | .943 | 18.8 | 5.2 | 2.09 | 3.63 | 2 | pM | 0 |
| 23038 | | Reinhold G | .337 | .084 | .938 | 19.8 | 4.8 | 1.82 | 3.16 | 2 | pM | 0 |
| 23041 | | Gambart AB | .346 | .016 | .938 | 20.2 | 0.9 | 1.67 | 2.90 | 1 | pM | 0 |
| 23044 | | Gambart AC | .346 | .044 | .937 | 20.3 | 2.5 | 1.62 | 2.82 | 1 | pM | 0 |
| 23057B | | Reinhold H | .356 | .074 | .932 | 20.9 | 4.2 | 2.18 | 3.79 | 2 | pM | 0 |
| 23059 | 1483D | Fauth E | .352 | .094 | .931 | 20.7 | 5.4 | 2.01 | 3.49 | 2 | pM | 0 |
| 23060 | | | .363 | .006 | .932 | 21.3 | 0.4 | 16.02 | 27.84 | 5 | C | 0 |
| 23061 | | | .362 | .012 | .932 | 21.2 | 0.7 | 10.02 | 17.41 | 5 | C | 0 |
| 23065 | 1512E | Reinhold F | .364 | .058 | .930 | 21.4 | 3.3 | 3.11 | 5.41 | 1 | pMC | 0 |
| 23067 | 1511 | Reinhold A | .369 | .072 | .927 | 21.7 | 4.1 | 2.09 | 3.63 | 1 | pM | 0 |
| 23067A | 1512 | Reinhold B | .367 | .075 | .927 | 21.6 | 4.3 | 14.50 | 25.20 | 3f | aM | 0 |
| 23068A | | | .364 | .081 | .928 | 21.4 | 4.6 | 2.10 | 3.65 | 2 | pM | 0 |
| 23085 | 1510 | Reinhold | .387 | .057 | .920 | 22.8 | 3.3 | 27.31 | 47.47 | 1 | pM | pp |
| 23098 | | | .392 | .086 | .916 | 23.2 | 4.9 | 2.16 | 3.75 | 1 | pM | 0 |
| 23099 | 1512D | Reinhold E | .391 | .092 | .916 | 23.1 | 5.3 | 2.60 | 4.52 | 3 | pM | 0 |
| 23100 | | | .309 | .107 | .945 | 18.1 | 6.1 | 2.78 | 4.83 | 3 | pM | 0 |
| 23110 | 1483C | Fauth D | .314 | .105 | .944 | 18.4 | 6.0 | 2.79 | 4.85 | 3 | pM | 0 |
| 23110A | | | .311 | .101 | .945 | 18.2 | 5.8 | 2.07<br>1.46 | 3.60<br>2.54 | 2 | pM | 0 |
| 23112 | 1486D | Copernicus H | .311 | .120 | .943 | 18.3 | 6.9 | 2.66 | 4.62 | 1 | pM | 0 |
| 23116 | | Copernicus A | .319 | .165 | .933 | 18.9 | 9.5 | 1.84 | 3.20 | 1 | pM | 0 |
| 23120 | 1483A | Fauth B | .328 | .101 | .939 | 19.2 | 5.8 | 2.17 | 3.77 | 2 | pM | 0 |
| 23136B | 1481 | Copernicus | .337 | .168 | .926 | 20.0 | 9.7 | 53.49 | 92.97 | 2 | pM | pp |
| 23140 | 1482 | Fauth | .342 | .109 | .933 | 20.1 | 6.3 | 6.96 | 12.10 | 2 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23140A | 1483 | Fauth A | -.342 | +.104 | +.934 | -20.1 | +6.0 | 5.50 | 9.56 | 2 | pM | 0 |
| 23160 | 1486C | Copernicus G | .364 | .103 | .926 | 21.5 | 5.9 | 2.30 | 4.00 | 2 | pM | 0 |
| 23166 | | Copernicus JE | .369 | .165 | .915 | 22.0 | 9.5 | 1.20 | 2.09 | 1 | C | 0 |
| 23170 | 1486B | Copernicus F | .376 | .102 | .921 | 22.2 | 5.9 | 2.57 | 4.47 | 3 | pM | 0 |
| 23170A | | | .374 | .103 | .922 | 22.1 | 5.9 | 2.40 | 4.17 | 3 | pM | 0 |
| 23170B | | Copernicus GA | .371 | .104 | .923 | 21.9 | 6.0 | 2.29 | 3.98 | 2 | pM | 0 |
| 23173 | 1484 | Copernicus B | .377 | .131 | .917 | 22.4 | 7.5 | 3.75 | 6.52 | 3 | pM | 0 |
| 23173A | | | .375 | .130 | .918 | 22.2 | 7.5 | 2.06 | 3.58 | 1 | pM | 0 |
| 23176 | | Copernicus JD | .373 | .168 | .912 | 22.2 | 9.7 | (1.60) | (2.78) | 1 | C | 0 |
| 23181 | 1486A | Copernicus E | .383 | .112 | .917 | 22.7 | 6.4 | 2.29 | 3.98 | 3 | pM | 0 |
| 23189 | | Copernicus DA | .384 | .196 | .902 | 23.1 | 11.3 | 1.89 | 3.29 | 2 | pM | 0 |
| 23192 | | Copernicus N | .392 | .120 | .912 | 23.3 | 6.9 | 2.10 | 3.65 | 3 | pM | 0 |
| 23192A | | | .394 | .122 | .911 | 23.4 | 7.0 | 2.50 | 4.35 | 3 | pM | 0 |
| 23193 | | Copernicus BB | .391 | .130 | .911 | 23.1 | 7.3 | 1.99 | 3.46 | 2 | pMC | 0 |
| 23194 | | Copernicus BC | .399 | .145 | .905 | 23.8 | 8.3 | 2.99 | 5.20 | 3 | pMC | 0 |
| 23197 | | Copernicus J | .398 | .178 | .900 | 23.5 | 10.2 | 2.49 | 4.33 | 2 | pMC | 0 |
| 23197A | | Copernicus JC | .397 | .172 | .902 | 23.8 | 9.9 | 2.10 | 3.65 | 2 | pM | 0 |
| 23200 | | | .304 | .207 | .930 | 18.1 | 11.9 | 2.39 | 4.15 | 3 | pMC | 0 |
| 23212 | | Gay-Lussac M | .318 | .229 | .920 | 19.1 | 13.2 | 2.37 | 4.12 | 2 | pMC | 0 |
| 23213 | 1439D | Gay-Lussac G | .314 | .239 | .919 | 18.9 | 13.8 | 3.05 | 5.30 | 2 | pMC | 0 |
| 23214 | | | .310 | .245 | .919 | 18.6 | 14.2 | 2.03 | 3.53 | 2 | C | 0 |
| 23216 | | | .318 | .262 | .911 | 19.2 | 15.2 | 2.43 | 4.22 | 2 | pM | 0 |
| 23218 | 1409A | Pytheas F | .313 | .284 | .906 | 19.1 | 16.5 | 2.38 | 4.14 | 3 | pM | 0 |
| 23224 | 1439C | Gay-Lussac F | .326 | .242 | .914 | 19.6 | 14.0 | 3.04 | 5.28 | 1 | C | 0 |
| 23225 | | | .322 | .253 | .912 | 19.4 | 14.7 | 2.23 | 3.88 | 1 | pMC | 0 |
| 23230 | | | .332 | .207 | .920 | 19.8 | 11.9 | 2.98 | 5.18 | 3 | C | 0 |
| 23232 | 1438 | Gay-Lussac A | .339 | .228 | .913 | 20.4 | 13.2 | 8.01 | 13.92 | 2 | pMC | 0 |
| 23233 | | | .337 | .230 | .913 | 20.3 | 13.3 | 3.69 | 6.41 | 2 | C | 0 |
| 23243 | | | .340 | .233 | .911 | 20.5 | 13.5 | 2.47 | 4.29 | 2 | C | 0 |
| 23244 | 1437 | Gay-Lussac | .344 | .240 | .908 | 20.8 | 13.9 | 14.96 | 26.00 | 3 | pMC | 0 |
| 23245 | 1439B | Gay-Lussac D | .347 | .252 | .903 | 21.0 | 14.6 | 3.18 | 5.53 | 2 | pMC | 0 |
| 23247 | 1439 | Gay-Lussac B | .346 | .279 | .896 | 21.1 | 16.2 | 1.96 | 3.41 | 1 | pM | 0 |
| 23248 | | | .342 | .281 | .897 | 20.9 | 16.3 | 2.21 | 3.84 | 2 | pM | 0 |
| 23249 | 1412 | Draper C | .350 | .293 | .890 | 21.5 | 17.0 | 4.48 | 7.79 | 1 | pM | 0 |
| 23253 | | | .355 | .232 | .906 | 21.4 | 13.4 | 3.37<br>2.01 | 5.86<br>3.49 | 3 | pMC | 0 |
| 23257 | | | .357 | .280 | .891 | 21.8 | 16.3 | 2.14 | 3.72 | 2 | pM | 0 |
| 23260 | | Gay-Lussac J | .360 | .202 | .911 | 21.6 | 11.7 | 2.45 | 4.26 | 2 | pMC | 0 |
| 23260A | | | .361 | .200 | .911 | 21.6 | 11.5 | 2.37 | 4.12 | 2 | pMC | 0 |
| 23264 | | | .365 | .243 | .899 | 22.1 | 14.1 | 2.09 | 3.63 | 2 | C | 0 |
| 23265 | | | .360 | .254 | .898 | 21.9 | 14.7 | 2.11 | 3.67 | 2 | C | 0 |
| 23266 | 1439A | Gay-Lussac C | .369 | .266 | .891 | 22.5 | 15.4 | 2.93 | 5.09 | 2 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23268 | | | -.361 | +.282 | +.889 | -22.1 | +16.4 | 2.01 | 3.49 | 2 | pM | 0 |
| 23271 | | | .379 | .214 | .900 | 22.8 | 12.4 | 3.59<br>1.76 | 6.24<br>3.06 | 3 | pM | 0 |
| 23272 | | | .377 | .222 | .899 | 22.7 | 12.8 | 2.59 | 4.50 | 3 | pMC | 0 |
| 23281 | | | .384 | .214 | .898 | 23.1 | 12.4 | 2.09 | 3.63 | 2 | pMC | 0 |
| 23283 | 1439E | Gay-Lussac H | .384 | .232 | .894 | 23.3 | 13.4 | 3.11 | 5.41 | 3 | pM | 0 |
| 23285 | | | .384 | .252 | .888 | 23.4 | 14.6 | 2.96 | 5.14 | 2 | C | 0 |
| 23286 | (1459A) | | .382 | .264 | .886 | 23.3 | 15.3 | 15.35 | 26.68 | 4f | aMC | 0 |
| 23290 | | | .391 | .203 | .898 | 23.5 | 11.7 | 2.35 | 4.08 | 2 | pM | 0 |
| 23294 | | | .392 | .241 | .888 | 23.8 | 13.9 | 2.46 | 4.28 | 1 | C | 0 |
| 23298 | | | .395 | .281 | .875 | 24.3 | 16.3 | 2.17 | 3.77 | 2 | pM | 0 |
| 23302 | 1409 | Pytheas C | .310 | .322 | .895 | 19.1 | 18.8 | 2.48 | 4.31 | 1 | pM | 0 |
| 23304 | | | .305 | .349 | .886 | 19.0 | 20.4 | 2.33<br>1.53 | 4.05<br>2.66 | 2 | pM | 0 |
| 23305 | | | .306 | .353 | .884 | 19.1 | 20.7 | 2.08<br>1.68 | 3.62<br>2.92 | 2 | pM | 0 |
| 23306 | | | .303 | .366 | .880 | 19.0 | 21.5 | 2.98<br>1.89 | 5.18<br>3.29 | 2 | pM | 0 |
| 23307 | | Pytheas U | .309 | .370 | .876 | 19.4 | 21.7 | 2.02 | 3.51 | 2 | pM | 0 |
| 23307A | | | .305 | .374 | .876 | 19.2 | 22.0 | 2.11 | 3.67 | 2 | pM | 0 |
| 23310 | 1408 | Pytheas B | .316 | .300 | .900 | 19.3 | 17.5 | 2.81 | 4.88 | 1 | pM | 0 |
| 23311 | 1408A | Pytheas E | .310 | .311 | .898 | 19.0 | 18.1 | 2.39 | 4.15 | 1 | pM | 0 |
| 23320 | | | .325 | .307 | .894 | 20.0 | 17.9 | 2.08<br>1.19 | 3.62<br>2.07 | 2 | pM | 0 |
| 23325 | 1406 | Pytheas | .329 | .351 | .877 | 20.6 | 20.5 | 11.53 | 20.04 | 1 | pM | pp |
| 23325A | 1410 | Pytheas D | .327 | .360 | .874 | 20.5 | 21.1 | 2.97 | 5.16 | 2 | pM | 0 |
| 23328 | | Pytheas N | .323 | .384 | .865 | 20.5 | 22.6 | 1.89 | 3.29 | 1 | pM | 0 |
| 23336 | | Pytheas J | .335 | .368 | .867 | 21.1 | 21.6 | 2.00 | 3.48 | 2 | pM | 0 |
| 23344 | 1407 | Pytheas A | .347 | .349 | .871 | 21.7 | 20.4 | 3.47 | 6.03 | 1 | pM | 0 |
| 23350 | 1411 | Draper | .353 | .302 | .886 | 21.7 | 17.6 | 5.08 | 8.83 | 1 | pM | 0 |
| 23361 | | | .362 | .320 | .876 | 22.5 | 18.7 | 2.87<br>1.27 | 4.99<br>2.21 | 2 | pM | 0 |
| 23370 | 1411A | Draper A | .378 | .307 | .873 | 23.4 | 17.9 | 2.44 | 4.24 | 1 | pM | 0 |
| 23377 | | Pytheas W | .373 | .370 | .851 | 23.7 | 21.7 | 1.86 | 3.23 | 1 | pM | 0 |
| 23407 | | Lambert T | .304 | .476 | .825 | 20.2 | 28.4 | 2.00 | 3.48 | 1 | pM | 0 |
| 23411 | 1401B | Lambert B | .313 | .412 | .856 | 20.1 | 24.3 | 2.05 | 3.56 | 3 | pM | 0 |
| 23420 | | Lambert R | .322 | .404 | .856 | 20.6 | 23.8 | 31.08 | 54.02 | 5f | aM | 0 |
| 23423 | 1401 | Lambert | .322 | .435 | .841 | 21.0 | 25.8 | 17.44 | 30.31 | 2 | pM | P |
| 23424 | 1401A | Lambert A | .327 | .445 | .834 | 21.4 | 26.4 | 2.08 | 3.62 | 1 | pM | 0 |
| 23446 | 1399A | La Hire B | .346 | .464 | .815 | 23.0 | 27.6 | 2.24 | 3.89 | 1 | pM | 0 |
| 23447 | 1399 | La Hire A | .349 | .477 | .807 | 23.4 | 28.5 | 2.92 | 5.08 | 1 | pM | 0 |
| 23451 | | Lambert W | .350 | .414 | .840 | 22.6 | 24.5 | 1.54 | 2.68 | 2 | pM | 0 |
| 23500 | 1392 | Carlini B | .307 | .505 | .807 | 20.8 | 30.3 | 4.39 | 7.63 | 1 | pM | 0 |
| 23517 | 1393 | Carlini C | .318 | .575 | .754 | 22.9 | 35.1 | 2.00 | 3.48 | 1 | pM | 0 |
| 23535 | 1390 | Carlini | .339 | .555 | .760 | 24.0 | 33.7 | 6.54 | 11.37 | 1 | pM | 0 |
| 23541 | 1395C | Carlini K | .344 | .516 | .784 | 23.7 | 31.1 | 1.96 | 3.41 | 1 | pM | 0 |
| 23543 | 1395B | Carlini H | .349 | .536 | .769 | 24.4 | 32.4 | 1.97 | 3.42 | 1 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23551 | | Carlini L | -.358 | +.519 | +.776 | -24.8 | +31.3 | 1.60 | 2.78 | 2 | pM | 0 |
| 23553A | 1395A | Carlini G | .356 | .539 | .763 | 25.0 | 32.6 | 2.10 | 3.65 | 1 | pM | 0 |
| 23567 | 1391 | Carlini A | .365 | .578 | .730 | 26.6 | 35.3 | 4.00 | 6.95 | 1 | pM | 0 |
| 23587 | | | .380 | .575 | .725 | 27.7 | 35.1 | 2.10 | 3.65 | 2 | pM | 0 |
| 23614 | | Helicon E | .311 | .648 | .695 | 24.1 | 40.4 | 1.37 | 2.38 | 1 | pM | 0 |
| 23616 | | Helicon G | .314 | .665 | .678 | 24.9 | 41.7 | 1.63 | 2.83 | 1 | pM | 0 |
| 23629 | 1315 | Laplace A | .327 | .691 | .645 | 26.9 | 43.7 | 5.00 | 8.69 | 1 | pM | 0 |
| 23661 | | Carlini S | .361 | .614 | .702 | 27.2 | 37.9 | 2.33 | 4.05 | 1 | pM | 0 |
| 23698 | | Heraclides E | .395 | .681 | .617 | 32.6 | 42.9 | 2.37 | 4.12 | 1 | pM | 0 |
| 23708 | | Maupertuis L | .305 | .780 | .546 | 29.2 | 51.3 | 3.61 | 6.27 | 1 | C | 0 |
| 23709 | 1368B | La Condamine C | .307 | .792 | .528 | 30.2 | 52.4 | 6.08 | 10.57 | 1 | C | 0 |
| 23734 | | Bianchini M | .338 | .747 | .572 | 30.6 | 48.3 | 2.75 | 4.78 | 3 | C | 0 |
| 23739 | 1672 | Bouguer A | .338 | .793 | .507 | 33.7 | 52.5 | 4.34 | 7.54 | 2 | C | 0 |
| 23744 | | Bianchini N | .341 | .749 | .568 | 31.0 | 48.5 | 3.34 | 5.81 | 1 | C | 0 |
| 23759 | 1671 | Bouguer | .357 | .790 | .498 | 35.6 | 52.2 | 13.29 | 23.10 | 2 | C | 0 |
| 23764 | | Bianchini H | .362 | .743 | .563 | 32.7 | 48.0 | 3.23 | 5.61 | 1 | C | 0 |
| 23764A | | Bianchini W | .368 | .749 | .551 | 33.7 | 48.5 | 4.45 | 7.73 | 2 | C | 0 |
| 23766 | 1657B | Bianchini P | .363 | .767 | .529 | 34.5 | 50.1 | 17.28 | 30.04 | 5 | C | 0 |
| 23767 | 1657A | Bianchini A | .368 | .772 | .518 | 35.4 | 50.5 | 6.67 | 11.59 | 4 | C | 0 |
| 23770A | 1647 | Sinus Iridum | .370 | .700 | .611 | 31.2 | 44.4 | 149.42 | 259.71 | 4f | aMC | 0 |
| 23772 | | Bianchini G | .371 | .727 | .578 | 32.7 | 46.6 | 2.28 | 3.96 | 1 | pM | 0 |
| 23775 | 1650 | Bianchini | .372 | .752 | .544 | 34.4 | 48.8 | 22.37 | 38.88 | 2 | C | p |
| 23776 | | | .370 | .768 | .523 | 35.3 | 50.2 | 5.06 | 8.80 | 3 | C | 0 |
| 23793 | 1656 | Bianchini D | .394 | .738 | .548 | 35.7 | 47.6 | 4.05 | 7.04 | 2 | C | 0 |
| 23800 | 1368C | La Condamine D | .305 | .803 | .512 | 30.8 | 53.4 | 6.17 | 10.72 | 1 | C | 0 |
| 23806 | 1680 | J. Herschel D | .304 | .869 | .390 | 37.9 | 60.3 | 5.38 | 9.35 | 1 | C | 0 |
| 23807 | | | .302 | .878 | .371 | 39.1 | 61.4 | 3.02 | 5.25 | 2 | C | 0 |
| 23807A | | | .300 | .879 | .371 | 39.0 | 61.5 | 2.66 | 4.62 | 2 | C | 0 |
| 23808 | 1686 | J. Herschel | .308 | .884 | .352 | 41.2 | 62.1 | 89.77 | 156.03 | 4 | C | 0 |
| 23811 | | | .314 | .813 | .490 | 32.6 | 54.4 | 2.53 | 4.40 | 2 | C | 0 |
| 23814 | | | .314 | .845 | .433 | 36.0 | 57.7 | 2.13 | 3.70 | 1 | pM | 0 |
| 23815 | | | .313 | .851 | .422 | 36.6 | 58.3 | 2.18 | 3.79 | 2 | pM | 0 |
| 23816 | 1682C | J. Herschel B | .314 | .865 | .391 | 38.7 | 59.9 | 3.72 | 6.47 | 2 | C | 0 |
| 23817 | 1682D | J. Herschel L | .312 | .874 | .373 | 39.9 | 60.9 | 3.94<br>5.21 | 6.85<br>9.06 | 2 | C | 0 |
| 23817A | | | .315 | .872 | .375 | 40.1 | 60.7 | 2.86 | 4.97 | 2 | C | 0 |
| 23818 | | | .313 | .889 | .334 | 43.1 | 62.7 | 2.05 | 3.56 | 1 | C | 0 |
| 23819 | | | .314 | .899 | .305 | 45.8 | 64.0 | 4.57 | 7.94 | 3 | C | 0 |
| 23820 | 1672A | Bouguer B | .325 | .801 | .503 | 32.9 | 53.2 | 3.80 | 6.60 | 2 | C | 0 |
| 23820A | | | .329 | .804 | .495 | 33.6 | 53.5 | 3.76 | 6.54 | 3 | C | 0 |
| 23823 | | Horrebow C | .320 | .837 | .444 | 35.8 | 56.8 | 2.34 | 4.07 | 1 | pM | 0 |
| 23826 | | | .320 | .863 | .391 | 39.3 | 59.7 | 4.00 | 6.95 | 3 | C | 0 |
| 23826A | | | .323 | .869 | .375 | 40.8 | 60.3 | 2.76 | 4.80 | 2 | C | 0 |
| 23828 | | | .325 | .884 | .336 | 44.0 | 62.1 | 2.20 | 3.82 | 1 | C | 0 |
| 23829 | 1693C | Anaximander U | .327 | .899 | .291 | 48.3 | 64.0 | 4.31 | 7.49 | 1 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23834 | | Horrebow D | -.332 | +.847 | +.415 | -38.6 | +57.9 | 2.79 | 4.85 | 2 | pM | 0 |
| 23835 | 1677 | Horrebow | .339 | .854 | .395 | 40.7 | 58.6 | 14.62 | 25.41 | 2 | pMC | 0 |
| 23835A | 1678B | Horrebow A | .332 | .858 | .392 | 40.3 | 59.1 | 14.33 | 24.91 | 3 | C | 0 |
| 23836 | 1678A | Horrebow G | .335 | .863 | .378 | 41.5 | 59.7 | 4.32 | 7.51 | 1 | C | 0 |
| 23836A | | | .339 | .862 | .377 | 42.0 | 59.5 | 16.16 | 28.09 | 5 | C | 0 |
| 23836B | | | .338 | .867 | .366 | 42.7 | 60.1 | 3.04 | 5.28 | 2 | C | 0 |
| 23845 | | | .348 | .855 | .385 | 42.1 | 58.8 | 3.04 | 5.28 | 2 | C | 0 |
| 23848 | | | .346 | .889 | .300 | 49.1 | 62.7 | 2.14 | 3.72 | 2 | C | 0 |
| 23849 | | Pythagoras W | .341 | .892 | .297 | 49.0 | 63.1 | 2.02 | 3.51 | 2 | C | 0 |
| 23855 | 1678 | Horrebow B | .353 | .854 | .382 | 42.7 | 58.6 | 7.29 | 12.67 | 1 | C | 0 |
| 23855A | | | .354 | .850 | .390 | 42.2 | 58.2 | 3.04 | 5.28 | 2 | C | 0 |
| 23856 | | | .353 | .866 | .354 | 44.9 | 60.0 | 2.85 | 4.95 | 2 | C | 0 |
| 23856A | | | .350 | .869 | .350 | 45.0 | 60.3 | 2.85 | 4.95 | 1 | C | 0 |
| 23857 | | | .356 | .877 | .323 | 47.8 | 61.3 | 2.04 | 3.55 | 2 | C | 0 |
| 23857A | | | .354 | .873 | .335 | 46.5 | 60.8 | 3.05 | 5.30 | 2 | C | 0 |
| 23859 | | | .354 | .892 | .281 | 51.5 | 63.1 | 2.93 | 5.09 | 2 | C | 0 |
| 23868 | | Pythagoras T | .361 | .887 | .288 | 51.4 | 62.5 | 3.62 | 6.29 | 1 | C | 0 |
| 23874 | 1706B | South B | .379 | .843 | .382 | 44.8 | 57.5 | 8.66 | 15.05 | 1 | C | 0 |
| 23875 | 1684 | Robinson | .370 | .858 | .356 | 46.1 | 59.1 | 13.87 | 24.11 | 1 | C | 0 |
| 23877 | | Babbage U | .379 | .874 | .304 | 51.3 | 60.9 | 3.03 | 5.27 | 1 | C | 0 |
| 23877A | | | .378 | .873 | .308 | 50.8 | 60.8 | 2.93 | 5.09 | 1 | C | 0 |
| 23878 | | | .370 | .883 | .289 | 52.0 | 62.0 | 2.74 | 4.76 | 2 | C | 0 |
| 23883 | 1665 | Harpalus B | .384 | .830 | .405 | 43.5 | 56.1 | 4.42 | 7.68 | 1 | pM | 0 |
| 23885 | | | .381 | .853 | .357 | 46.9 | 58.5 | 2.93 | 5.09 | 2 | C | 0 |
| 23886 | | Babbage X | .380 | .868 | .320 | 49.9 | 60.2 | 3.13 | 5.44 | 2 | C | 0 |
| 23894 | | | .399 | .841 | .365 | 47.5 | 57.2 | 3.13 | 5.44 | 3 | C | 0 |
| 23895 | | South K | .393 | .858 | .331 | 49.9 | 59.1 | 1.96 | 3.41 | 1 | C | 0 |
| 23899A | 1697 | Pythagoras | .397 | .894 | .208 | 62.4 | 63.4 | 73.70 | 128.10 | 2 | C | P |
| 23900 | | | .309 | .904 | .295 | 46.3 | 64.7 | 5.45 | 9.47 | 3 | C | 0 |
| 23900A | | | .309 | .909 | .280 | 47.8 | 65.4 | 4.23 | 7.35 | 1 | pMC | 0 |
| 23900B | | | .309 | .907 | .286 | 47.2 | 65.1 | 2.77 | 4.81 | 2 | C | 0 |
| 23901 | | | .306 | .916 | .259 | 49.7 | 66.3 | 3.00 | 5.21 | 1 | pMC | 0 |
| 23901A | | | .308 | .912 | .271 | 48.7 | 65.8 | 2.00 | 3.48 | 2 | pMC | 0 |
| 23902 | 1687 | Anaximander | .306 | .920 | .245 | 51.3 | 66.9 | 38.97 | 67.74 | 4f | C | 0 |
| 23902A | 1693B | Anaximander T | .305 | .921 | .242 | 51.5 | 67.1 | 4.55 | 7.91 | 1 | pMC | 0 |
| 23902B | | | .304 | .929 | .211 | 55.2 | 68.3 | 74.86 | 130.12 | 5f | C | 0 |
| 23903A | | | .303 | .938 | .168 | 60.9 | 69.7 | 2.62 | 4.55 | 1 | C | 0 |
| 23903B | | | .306 | .938 | .163 | 62.0 | 69.7 | 2.87 | 4.99 | 1 | C | 0 |
| 23904 | | Desargues E | .305 | .944 | .126 | 67.6 | 70.7 | 30.77 | 53.48 | 5 | C | 0 |
| 23904A | | Desargues A | .300 | .949 | .097 | 72.1 | 71.6 | 5.58 | 9.70 | 1 | C | 0 |
| 23904B | | | .300 | .946 | .123 | 67.7 | 71.1 | 3.67 | 6.38 | 1 | C | 0 |
| 23904C | | | .309 | .947 | .088 | 74.1 | 71.3 | 9.50 | 16.51 | 2 | C | 0 |
| 23905 | | Brianchon B | .305 | .952 | .026 | 85.1 | 72.2 | 17.29 | 30.05 | 1 | C | 0 |
| 23910 | (1687) | Anaximander D | .319 | .909 | .268 | 49.9 | 65.4 | 51.25 | 89.08 | 4f | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23910A | | | -.316 | +.904 | +.288 | -47.7 | +64.7 | 9.23 | 16.04 | 3 | C | 0 |
| 23911 | | | .310 | .912 | .269 | 49.1 | 65.8 | 3.13 | 5.44 | 2 | pMC | 0 |
| 23912 | | | .310 | .925 | .220 | 54.7 | 67.7 | 9.11 | 15.83 | 5f | aMC | 0 |
| 23914 | | | .310 | .941 | .136 | 66.4 | 70.2 | 3.86 | 6.71 | 1 | C | 0 |
| 23914A | | | .312 | .946 | .088 | 74.3 | 71.1 | 3.04 | 5.28 | 2 | C | 0 |
| 23914B | | | .315 | .946 | .077 | 76.3 | 71.1 | 3.84 | 6.67 | 2 | C | 0 |
| 23914C | | | .313 | .948 | .058 | 79.6 | 71.4 | 4.24 | 7.37 | 2 | C | 0 |
| 23914D | | | .319 | .945 | .072 | 77.2 | 70.9 | 2.84 | 4.94 | 2 | C | 0 |
| 23914E | | | .318 | .946 | .063 | 78.8 | 71.1 | 3.05 | 5.30 | 2 | C | 0 |
| 23922 | | Anaximander B | .328 | .926 | .187 | 60.3 | 67.8 | 44.71 | 77.71 | 4f | C | 0 |
| 23924 | (1693) | Desargues | .324 | .941 | .098 | 73.2 | 70.2 | 47.51 | 82.58 | 4f | C | 0 |
| 23924A | | | .325 | .945 | .037 | 83.5 | 70.9 | 4.41 | 7.67 | 2 | C | 0 |
| 23931 | | Anaximander R | .330 | .915 | .232 | 54.9 | 66.2 | 4.46 | 7.75 | 2 | C | 0 |
| 23932 | | | .330 | .920 | .211 | 57.4 | 66.9 | 4.07 | 7.07 | 2 | C | 0 |
| 23933 | | Desargues D | .331 | .935 | .127 | 69.0 | 69.2 | 5.92 | 10.29 | 1 | C | 0 |
| 23933A | | Anaximander K | .339 | .930 | .142 | 67.3 | 68.4 | 5.66 | 9.84 | 2 | C | 0 |
| 23933B | | | .330 | .932 | .150 | 65.6 | 68.7 | 3.44 | 5.98 | 2 | C | 0 |
| 23934 | | | .333 | .942 | .042 | 82.8 | 70.4 | 4.07 | 7.07 | 2 | C | 0 |
| 23934A | | | .339 | .940 | .038 | 83.5 | 70.1 | 3.77 | 6.55 | 1 | C | 0 |
| 23942 | | Pythagoras S | .342 | .925 | .166 | 64.2 | 67.7 | 6.01 | 10.45 | 3 | C | 0 |
| 23942A | | | .349 | .929 | .123 | 70.6 | 68.3 | 2.86 | 4.97 | 2 | C | 0 |
| 23943 | (1699) | Desargues C | .340 | .937 | .080 | 76.7 | 69.6 | 5.72 | 9.94 | 1 | C | 0 |
| 23943A | | | .340 | .933 | .118 | 70.9 | 68.9 | 2.70 | 4.69 | 2 | C | 0 |
| 23943B | | Desargues L | .346 | .936 | .065 | 79.4 | 69.4 | 6.65 | 11.56 | 1 | C | 0 |
| 23952 | | | .356 | .925 | .133 | 69.5 | 67.7 | 5.75 | 9.99 | 1 | C | 0 |
| 23952A | | | .359 | .923 | .139 | 68.9 | 67.4 | 4.85 | 8.43 | 2 | C | 0 |
| 23952B | | Desargues M | .354 | .929 | .108 | 73.0 | 68.3 | 16.96 | 29.48 | 3 | C | 0 |
| 23953 | | Cremona A | .354 | .935 | .021 | 86.5 | 69.2 | 19.82 | 34.45 | 2 | C | 0 |
| 23953A | | | .351 | .935 | .051 | 81.8 | 69.2 | 3.56 | 6.19 | 1 | C | 0 |
| 23953B | | | .352 | .931 | .097 | 74.7 | 68.6 | 6.11 | 10.62 | 1 | C | 0 |
| 23962 | | Pythagoras G | .365 | .925 | .106 | 73.9 | 67.7 | 9.20 | 15.99 | 3 | C | 0 |
| 23962A | | | .366 | .926 | .093 | 75.8 | 67.8 | 2.85 | 4.95 | 1 | C | 0 |
| 23963 | | | .367 | .930 | .020 | 86.8 | 68.4 | 16.84 | 29.27 | 3 | C | 0 |
| 23963A | | | .366 | .930 | .034 | 84.7 | 68.4 | 3.13 | 5.44 | 1 | C | 0 |
| 23971 | | | .378 | .918 | .120 | 72.4 | 66.6 | 4.57 | 7.94 | 2 | C | 0 |
| 23972 | | Pythagoras L | .377 | .922 | .088 | 76.8 | 67.2 | 6.76 | 11.75 | 1 | C | 0 |
| 23972A | | Cremona B | .379 | .925 | .000 | 90.0 | 67.7 | 12.23 | 21.26 | 1 | C | ? |
| 23972B | | Pythagoras H | .373 | .921 | .112 | 73.2 | 67.1 | 10.41 | 18.09 | 2 | C | 0 |
| 23972C | | Pythagoras K | .373 | .922 | .104 | 74.4 | 67.2 | 6.95 | 12.08 | 1 | C | 0 |
| 23972D | | Pythagoras M | .379 | .923 | .067 | 80.0 | 67.4 | 5.18 | 9.00 | 3 | C | 0 |
| 23972E | | | .370 | .929 | .008 | 88.8 | 68.3 | 4.89 | 8.50 | 1 | C | 0 |
| 23980 | | | .385 | .907 | .171 | 66.1 | 65.1 | 4.84 | 8.41 | 2 | C | 0 |
| 23980A | | | .386 | .909 | .157 | 67.8 | 65.4 | 3.72 | 6.47 | 2 | C | 0 |
| 23981 | 1698 | Pythagoras B | .388 | .913 | .126 | 72.0 | 65.9 | 9.82 | 17.07 | 1 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23981A | | Pythagoras N | -.388 | +.918 | +.082 | -78.1 | +66.6 | 6.75 | 11.73 | 2 | C | 0 |
| 23981B | | | .389 | .914 | .115 | 73.5 | 66.1 | 3.28 | 5.70 | 2 | C | 0 |
| 23981C | | | .389 | .915 | .107 | 74.6 | 66.2 | 2.89 | 5.02 | 2 | C | 0 |
| 23981D | | | .387 | .916 | .106 | 74.7 | 66.3 | 2.69 | 4.68 | 2 | C | 0 |
| 23982 | | Cremona | .387 | .922 | .012 | 88.2 | 67.2 | 50.29 | 87.41 | 3 | C | 0 |
| 23982A | | Cremona C | .387 | .922 | .012 | 88.2 | 67.2 | 7.04 | 12.24 | 1 | C | 0 |
| 23990 | | | .390 | .903 | .180 | 65.2 | 64.6 | 2.49 | 4.33 | 1 | C | 0 |
| 23991 | | | .396 | .911 | .115 | 73.8 | 65.6 | 4.89 | 8.50 | 2 | C | 0 |
| 24014 | 1512A | Reinhold D | .415 | .045 | .909 | 24.5 | 2.6 | 1.83 | 3.18 | 1 | pM | 0 |
| 24017 | 1512C | Reinhold C | .414 | .076 | .907 | 24.5 | 4.4 | 2.39 | 4.15 | 1 | pM | 0 |
| 24022 | 1512B | Reinhold N | .429 | .027 | .903 | 25.4 | 1.5 | 2.17 | 3.77 | 1 | pM | 0 |
| 24023 | | Reinhold NA | .429 | .034 | .903 | 25.4 | 1.9 | 1.29 | 2.24 | 1 | pM | 0 |
| 24029 | 1523 | Hortensius E | .427 | .091 | .900 | 25.4 | 5.2 | 8.87 | 15.42 | 3f | aM | 0 |
| 24048 | | Hortensius EA | .445 | .085 | .891 | 26.5 | 4.9 | 2.13 | 3.70 | 1 | pM | 0 |
| 24058 | | Hortensius EB | .454 | .081 | .887 | 27.1 | 4.6 | 2.22 | 3.86 | 1 | pM | 0 |
| 24059 | | Hortensius EC | .458 | .090 | .884 | 27.4 | 5.2 | 1.92 | 3.34 | 1 | pM | 0 |
| 24062 | | Lansberg X | .467 | .021 | .884 | 27.8 | 1.2 | 1.72 | 2.99 | 1 | pM | 0 |
| 24071 | | Lansberg Y | .472 | .012 | .882 | 28.2 | 0.7 | 2.34 | 4.07 | 2 | pM | 0 |
| 24082 | 1538 | Kunowsky D | .482 | .026 | .876 | 28.8 | 1.5 | 2.99 | 5.20 | 2 | pM | 0 |
| 24089 | 1521 | Hortensius B | .490 | .092 | .867 | 29.5 | 5.3 | 3.85 | 6.69 | 1 | pM | 0 |
| 24091 | | Kunowsky H | .499 | .019 | .866 | 29.9 | 1.1 | 1.89 | 3.29 | 1 | pM | 0 |
| 24114 | | Copernicus BD | .413 | .148 | .899 | 24.7 | 8.5 | 1.75 | 3.04 | 1 | pMC | 0 |
| 24114A | | | .411 | .148 | .900 | 24.6 | 8.5 | 2.49 | 4.33 | 3 | pMC | 0 |
| 24122 | | Hortensius F | .429 | .123 | .895 | 25.6 | 7.1 | 3.28<br>2.10 | 5.70<br>3.65 | 3 | pM | 0 |
| 24134 | | Hortensius G | .436 | .141 | .889 | 26.1 | 8.1 | 2.36 | 4.10 | 1 | pM | 0 |
| 24140 | 1522 | Hortensius C | .447 | .103 | .889 | 26.7 | 5.9 | 3.88 | 6.74 | 1 | pM | 0 |
| 24141 | | | .444 | .115 | .889 | 26.5 | 6.6 | 2.99<br>2.12 | 5.20<br>3.68 | 2 | pM | 0 |
| 24142 | | | .448 | .120 | .886 | 26.8 | 6.9 | 2.12 | 3.68 | 2 | pM | 0 |
| 24163 | | Milichius D | .468 | .139 | .873 | 28.2 | 8.0 | 2.16 | 3.75 | 2 | pM | 0 |
| 24161 | 1519 | Hortensius | .466 | .113 | .878 | 28.0 | 6.5 | 8.43 | 14.65 | 1 | pM | 0 |
| 24167 | 1531 | Milichius B | .462 | .172 | .870 | 28.0 | 9.9 | 8.84<br>5.54 | 15.37<br>9.63 | 4 | C | 0 |
| 24168 | | Milichius E | .463 | .185 | .867 | 28.1 | 10.7 | 2.10 | 3.65 | 2 | pM | 0 |
| 24174 | | | .471 | .143 | .870 | 28.4 | 8.2 | 2.69<br>1.26 | 4.68<br>2.19 | 3 | pM | 0 |
| 24177 | | Milichius BA | .475 | .175 | .862 | 28.8 | 10.1 | 1.49 | 2.59 | 1 | pM | 0 |
| 24188 | | | .484 | .186 | .855 | 29.5 | 10.7 | 2.68 | 4.66 | 2 | pM | 0 |
| 24189 | | Milichius C | .482 | .194 | .855 | 29.4 | 11.3 | 1.92 | 3.34 | 2 | pM | 0 |
| 24194 | | Milichius K | .499 | .148 | .854 | 30.3 | 8.5 | 2.26 | 3.93 | 1 | pM | 0 |
| 24197 | 1529 | Milichius | .495 | .174 | .851 | 30.2 | 10.0 | 7.40 | 12.86 | 1 | pM | 0 |
| 24201 | 1486 | Copernicus D | .409 | .211 | .888 | 24.7 | 12.2 | 3.08 | 5.35 | 2 | pMC | 0 |
| 24202 | 1420E | T. Mayer L | .407 | .228 | .885 | 24.7 | 13.2 | 2.38 | 4.14 | 1 | pM | 0 |
| 24203 | | | .408 | .235 | .882 | 24.8 | 13.6 | 2.13 | 3.70 | 2 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24204 | | | -.401 | +.245 | +.883 | -24.4 | +14.2 | 2.69 | 4.68 | 3 | C | 0 |
| 24206 | | | .405 | .270 | .874 | 24.9 | 15.7 | 2.43 | 4.22 | 2 | pMC | 0 |
| 24208 | | | .406 | .283 | .869 | 25.0 | 16.4 | 2.32<br>1.01 | 4.03<br>1.76 | 2 | pM | 0 |
| 24213 | | | .419 | .233 | .878 | 25.5 | 13.5 | 2.73 | 4.75 | 3 | pMC | 0 |
| 24213A | | | .414 | .230 | .881 | 25.2 | 13.3 | 2.72 | 4.73 | 2 | pMC | 0 |
| 24213C | | T. Mayer N | .419 | .234 | .877 | 25.5 | 13.5 | 2.90 | 5.04 | 3 | pMC | 0 |
| 24214 | 1420D | T. Mayer J | .413 | .243 | .878 | 25.2 | 14.1 | 2.29 | 3.98 | 3 | pM | 0 |
| 24220 | 1420C | T. Mayer H | .420 | .202 | .885 | 25.4 | 11.7 | (1.38) | (2.40) | 1 | pMC | 0 |
| 24221 | 1418 | T. Mayer C | .428 | .212 | .879 | 26.0 | 12.2 | 8.97 | 15.59 | 2 | pM | 0 |
| 24223 | | | .428 | .232 | .873 | 26.1 | 13.4 | 2.14 | 3.72 | 2 | pM | 0 |
| 24224 | 1421 | T. Mayer Z | .427 | .245 | .870 | 26.1 | 14.2 | 2.72 | 4.73 | 1 | pM | 0 |
| 24225A | | T. Mayer M | .420 | .257 | .870 | 25.8 | 14.9 | 3.26 | 5.67 | 3 | C | 0 |
| 24227 | 1420 | T. Mayer E | .424 | .276 | .863 | 26.2 | 16.0 | 4.88 | 8.48 | 1 | pMC | 0 |
| 24230 | | T. Mayer R | .435 | .202 | .877 | 26.4 | 11.7 | 2.71 | 4.71 | 1 | pMC | 0 |
| 24231 | | | .432 | .218 | .875 | 26.3 | 12.6 | 2.15 | 3.74 | 2 | pMC | 0 |
| 24239 | 1420B | T. Mayer G | .435 | .298 | .850 | 27.1 | 17.3 | 4.11 | 7.14 | 1 | pM | 0 |
| 24241 | 1419 | T. Mayer D | .440 | .211 | .873 | 26.8 | 12.2 | 4.96 | 8.62 | 1 | pMC | 0 |
| 24242 | | | .442 | .228 | .868 | 27.0 | 13.2 | 2.59 | 4.50 | 3 | C | 0 |
| 24256 | 1416 | T. Mayer A | .457 | .263 | .850 | 28.3 | 15.2 | 9.15 | 15.90 | 1 | pMC | p |
| 24260 | | T. Mayer S | .465 | .202 | .862 | 28.3 | 11.7 | 1.59 | 2.76 | 1 | pMC | 0 |
| 24263 | | | .460 | .235 | .856 | 28.2 | 13.6 | 2.84 | 4.94 | 3 | pMC | 0 |
| 24266 | 1415 | T. Mayer | .469 | .268 | .842 | 29.1 | 15.5 | 18.97 | 32.97 | 3 | pMC | p |
| 24272 | 1420A | T. Mayer F | .471 | .223 | .853 | 28.9 | 12.9 | 3.32 | 5.77 | 1 | pMC | 0 |
| 24272A | | | .480 | .227 | .847 | 29.5 | 13.1 | 2.09 | 3.63 | 2 | C | 0 |
| 24274 | 1421A | T. Mayer P | .477 | .243 | .845 | 29.5 | 14.1 | 20.10 | 34.94 | 5f | aMC | 0 |
| 24276 | | | .472 | .266 | .841 | 29.3 | 15.4 | 3.16<br>1.76 | 5.49<br>3.06 | 2 | pMC | 0 |
| 24296 | 1417 | T. Mayer B | .495 | .265 | .827 | 30.9 | 15.4 | 7.51 | 13.05 | 2f | pM | 0 |
| 24325 | | Euler G | .430 | .353 | .831 | 27.4 | 20.7 | 2.42 | 4.21 | 1 | pM | 0 |
| 24336 | 1583A | Euler F | .436 | .361 | .824 | 27.9 | 21.2 | 2.74 | 4.76 | 2 | pM | 0 |
| 24341 | | T. Mayer GA | .440 | .311 | .842 | 27.6 | 18.1 | 2.86 | 4.97 | 1 | pM | 0 |
| 24346 | | Euler L | .450 | .365 | .815 | 28.9 | 21.4 | 2.49 | 4.33 | 1 | pM | 0 |
| 24349 | 1583 | Euler | .447 | .395 | .803 | 29.1 | 23.3 | 15.81 | 27.48 | 1 | pM | P |
| 24384 | 1584A | Euler P | .485 | .342 | .805 | 31.1 | 20.0 | 6.58 | 11.44 | 3f | aM | 0 |
| 24387 | | Euler J | .483 | .379 | .789 | 31.5 | 22.3 | 2.31 | 4.02 | 2 | pM | 0 |
| 24395 | | Euler K | .493 | .353 | .795 | 31.8 | 20.7 | 2.79 | 4.85 | 1 | pM | 0 |
| 24416 | | La Hire C | .413 | .461 | .785 | 27.7 | 27.5 | 1.75 | 3.04 | 2 | pM | 0 |
| 24429 | | La Hire D | .426 | .496 | .757 | 29.4 | 29.7 | 2.08 | 3.62 | 2 | pM | 0 |
| 24432 | | Euler H | .432 | .428 | .794 | 28.6 | 25.3 | 2.42 | 4.21 | 1 | pM | 0 |
| 24449 | | | .441 | .497 | .747 | 30.5 | 29.8 | 2.00 | 3.48 | 1 | pM | 0 |
| 24449A | | | .441 | .499 | .746 | 30.6 | 29.9 | 2.31 | 4.02 | 2 | pM | 0 |
| 24468 | 1591 | Diophantus B | .469 | .486 | .737 | 32.5 | 29.1 | 3.70 | 6.43 | 1 | pM | 0 |
| 24496 | 1589 | Diophantus | .499 | .463 | .733 | 34.3 | 27.6 | 10.65 | 18.51 | 1 | pM | p |
| 24499 | 1593 | Delisle | .492 | .500 | .713 | 34.6 | 30.0 | 14.52 | 25.24 | 2 | pM | pp |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24526 | 1602 | C. Herschel | -.427 | +.566 | +.705 | -31.2 | +34.5 | 7.70 | 13.38 | 1 | pM | 0 |
| 24529 | | C. Herschel U | .421 | .590 | .689 | 31.4 | 36.2 | 1.97 | 3.42 | 1 | pM | 0 |
| 24532 | 1600 | Heis D | .439 | .524 | .730 | 31.0 | 31.6 | 4.56 | 7.93 | 1 | pM | 0 |
| 24543 | 1601 | Heis | .446 | .536 | .717 | 31.9 | 32.4 | 8.06 | 14.01 | 1 | pM | 0 |
| 24544 | 1601A | Heis A | .444 | .540 | .715 | 31.8 | 32.7 | 3.50 | 6.08 | 1 | pM | 0 |
| 24549 | | C. Herschel V | .444 | .594 | .671 | 33.5 | 36.4 | 2.06 | 3.58 | 1 | pM | 0 |
| 24566 | 1598A | C. Herschel E | .470 | .562 | .681 | 34.6 | 34.2 | 3.13 | 5.44 | 1 | pM | 0 |
| 24599 | | Gruithuisen F | .496 | .591 | .636 | 37.9 | 36.2 | 2.46 | 4.28 | 1 | pMC | 0 |
| 24614 | | | .412 | .640 | .649 | 32.4 | 39.8 | 2.09 | 3.63 | 1 | pM | 0 |
| 24620 | 1604 | C. Herschel C | .429 | .604 | .672 | 32.6 | 37.2 | 4.20 | 7.30 | 1 | pM | 0 |
| 24625 | 1642 | Heraclides A | .425 | .654 | .626 | 34.2 | 40.8 | 3.62 | 6.29 | 3 | C | 0 |
| 24632 | | Heraclides F | .434 | .622 | .652 | 33.7 | 38.5 | 2.04 | 3.55 | 1 | pM | 0 |
| 24645 | | | .445 | .654 | .612 | 36.0 | 40.8 | 2.81 | 4.88 | 1 | C | 0 |
| 24645A | | | .440 | .659 | .610 | 35.8 | 41.2 | 2.29 | 3.98 | 2 | C | 0 |
| 24671 | 1614 | Mairan E | .477 | .612 | .631 | 37.1 | 37.7 | 3.22 | 5.60 | 1 | pMC | 0 |
| 24678 | | | .479 | .689 | .544 | 41.4 | 43.6 | 3.87 | 6.73 | 3 | C | 0 |
| 24679 | | | .477 | .698 | .534 | 41.8 | 44.3 | 3.50 | 6.08 | 2 | C | 0 |
| 24679A | | | .478 | .696 | .536 | 41.7 | 44.1 | 3.20 | 5.56 | 2 | C | 0 |
| 24682 | 1612 | Mairan A | .489 | .624 | .610 | 38.7 | 38.6 | 9.79 | 17.02 | 1 | C | 0 |
| 24693 | | Mairan H | .498 | .632 | .594 | 40.0 | 39.2 | 2.84 | 4.94 | 1 | C | 0 |
| 24694 | | | .490 | .645 | .586 | 39.9 | 40.2 | 4.29 | 7.46 | 2 | C | 0 |
| 24695 | | Mairan K | .497 | .653 | .571 | 41.0 | 40.8 | 3.57 | 6.21 | 1 | C | 0 |
| 24695A | | | .491 | .654 | .576 | 40.5 | 40.8 | 5.30 | 9.21 | 3 | C | 0 |
| 24695B | | | .492 | .656 | .572 | 40.7 | 41.0 | 3.30 | 5.74 | 3 | C | 0 |
| 24695C | | | .493 | .659 | .568 | 41.0 | 41.2 | 3.17 | 5.51 | 2 | C | 0 |
| 24695D | | | .495 | .656 | .570 | 41.0 | 41.0 | 2.80 | 4.87 | 2 | C | 0 |
| 24696 | | | .498 | .664 | .558 | 41.8 | 41.6 | 5.11 | 8.88 | 3 | C | 0 |
| 24699 | | | .494 | .692 | .526 | 43.2 | 43.8 | 7.75 | 13.47 | 3 | C | 0 |
| 24699A | (1621A) | | .497 | .692 | .524 | 43.5 | 43.8 | 3.07 | 5.34 | 2 | C | 0 |
| 24707 | 1659 | Foucault | .408 | .770 | .491 | 39.8 | 50.4 | 14.04 | 24.40 | 1 | pMC | 0 |
| 24719 | 1664 | Harpalus | .416 | .795 | .441 | 43.3 | 52.7 | 23.28 | 40.46 | 1 | pM | pp |
| 24723 | | Sharp J | .420 | .730 | .539 | 37.9 | 46.9 | 3.27 | 5.68 | 1 | C | 0 |
| 24723A | | Sharp K | .421 | .736 | .530 | 38.5 | 47.4 | 2.53 | 4.40 | 1 | C | 0 |
| 24723B | | | .425 | .732 | .532 | 38.6 | 47.1 | 2.21 | 3.84 | 2 | C | 0 |
| 24731 | | Sharp L | .431 | .717 | .548 | 38.2 | 45.8 | 2.96 | 5.14 | 2 | C | 0 |
| 24743 | | Sharp M | .448 | .735 | .509 | 41.4 | 47.3 | 2.55 | 4.43 | 1 | C | 0 |
| 24751 | 1628 | Sharp | .451 | .716 | .533 | 40.2 | 45.7 | 22.78 | 39.60 | 2 | C | pp |
| 24753 | 1635 | Sharp A | .456 | .738 | .497 | 42.5 | 47.6 | 10.01 | 17.40 | 1 | C | 0 |
| 24756 | | Sharp W | .456 | .767 | .451 | 45.3 | 50.1 | 1.89 | 3.29 | 1 | pM | 0 |
| 24769 | 1668 | Harpalus E | .469 | .795 | .385 | 50.6 | 52.7 | 3.93 | 6.83 | 1 | pM | 0 |
| 24770 | 1638 | Sharp D | .476 | .704 | .527 | 42.1 | 44.7 | 4.33 | 7.53 | 1 | C | 0 |
| 24778 | | Harpalus S | .478 | .781 | .402 | 49.9 | 51.4 | 2.61 | 4.54 | 1 | pM | 0 |
| 24780 | | | .480 | .707 | .519 | 42.7 | 45.0 | 6.20 | 10.78 | 3 | C | 0 |
| 24783 | 1636 | Sharp B | .485 | .731 | .480 | 45.3 | 47.0 | 12.42 | 21.59 | 1 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24786 | | Harpalus T | -.488 | +.766 | +.418 | -49.4 | +50.0 | 2.55 | 4.43 | 1 | pM | 0 |
| 24788 | | | .486 | .781 | .392 | 51.1 | 51.4 | 2.20 | 3.82 | 2 | pM | 0 |
| 24790 | (1622) | | .499 | .702 | .508 | 44.5 | 44.6 | 3.51 | 6.10 | 1 | C | 0 |
| 24792 | | | .493 | .723 | .484 | 45.5 | 46.3 | 3.14 | 5.46 | 3 | C | 0 |
| 24802 | 1666 | Harpalus C | .401 | .824 | .400 | 45.1 | 55.5 | 5.97 | 10.38 | 1 | pM | 0 |
| 24804 | | South H | .402 | .840 | .364 | 47.8 | 57.1 | 2.45 | 4.26 | 1 | C | 0 |
| 24813 | | | .414 | .835 | .362 | 48.8 | 56.6 | 2.84 | 4.94 | 2 | C | 0 |
| 24813A | | | .418 | .831 | .367 | 48.7 | 56.2 | 2.89 | 5.02 | 2 | C | 0 |
| 24814 | 1706 | South | .416 | .842 | .343 | 50.5 | 57.4 | 56.16 | 97.61 | 4 | C | 0 |
| 24814A | 1706A | South A | .415 | .840 | .350 | 49.9 | 57.1 | 3.47 | 6.03 | 1 | C | 0 |
| 24822 | | South C | .426 | .826 | .369 | 49.1 | 55.7 | 4.79 | 8.33 | 2 | C | 0 |
| 24823 | | | .427 | .839 | .337 | 51.7 | 57.0 | 2.01 | 3.49 | 2 | C | 0 |
| 24825 | 1708 | Babbage A | .423 | .858 | .291 | 55.4 | 59.1 | 18.65 | 32.42 | 1 | C | 0 |
| 24826 | 1707 | Babbage | .424 | .862 | .278 | 56.8 | 59.5 | 82.75 | 143.83 | 4 | C | 0 |
| 24826A | | | .421 | .863 | .279 | 56.4 | 59.7 | 3.03 | 5.27 | 1 | C | 0 |
| 24828 | | | .425 | .880 | .212 | 63.5 | 61.6 | 3.48 | 6.05 | 2 | C | 0 |
| 24832 | 1667 | South D | .430 | .821 | .376 | 48.9 | 55.2 | 3.11 | 5.41 | 2 | pMC | 0 |
| 24832A | | | .434 | .824 | .364 | 50.0 | 55.5 | 3.41 | 5.93 | 2 | C | 0 |
| 24833 | | South E | .438 | .835 | .333 | 52.7 | 56.6 | 5.43 | 9.44 | 1 | C | 0 |
| 24833A | | South F | .439 | .839 | .321 | 53.8 | 57.0 | 3.86 | 6.71 | 1 | C | 0 |
| 24835 | 1709A | Babbage C | .432 | .858 | .278 | 57.3 | 59.1 | 7.91 | 13.75 | 1 | C | 0 |
| 24835A | | | .433 | .851 | .297 | 55.5 | 58.3 | 2.44 | 4.24 | 2 | C | 0 |
| 24838 | | | .430 | .888 | .163 | 69.2 | 62.6 | 14.78 | 25.69 | 2 | C | p? |
| 24839 | (1710A) | Boole A | .439 | .895 | .079 | 79.8 | 63.5 | 32.52 | 56.52 | 4 | C | 0 |
| 24839A | (1710B) | Boole B | .434 | .895 | .103 | 76.6 | 63.5 | 5.05 | 8.78 | 1 | C | 0 |
| 24839B | (1710D) | Boole D | .436 | .898 | .059 | 82.3 | 63.9 | 6.90 | 11.99 | 2 | C | 0 |
| 24839C | | | .439 | .898 | .030 | 86.1 | 63.9 | 3.85 | 6.69 | 1 | C | 0 |
| 24839D | | | .430 | .891 | .146 | 71.3 | 63.0 | 2.35 | 4.08 | 2 | C | 0 |
| 24839E | | | .438 | .891 | .119 | 74.7 | 63.0 | 2.25 | 3.91 | 2 | C | 0 |
| 24842 | | South M | .441 | .821 | .363 | 50.6 | 55.2 | 3.59 | 6.24 | 1 | pMC | 0 |
| 24842A | | | .444 | .829 | .340 | 52.6 | 56.0 | 2.98 | 5.18 | 1 | C | 0 |
| 24848 | 1717 | Pythagoras A | .448 | .888 | .104 | 77.0 | 62.6 | 19.88 | 34.55 | 2 | C | 0 |
| 24848A | | | .445 | .884 | .143 | 72.2 | 62.1 | 18.26 | 31.74 | 5 | C | 0 |
| 24848B | | | .444 | .880 | .169 | 69.2 | 61.6 | 15.37 | 26.72 | 4 | C | 0 |
| 24848C | | | .444 | .884 | .146 | 71.8 | 62.1 | 2.01 | 3.49 | 2 | C | 0 |
| 24849 | | Boole | .440 | .897 | .042 | 84.5 | 63.8 | 32.77 | 56.96 | 3 | C | 0 |
| 24849A | | | .441 | .895 | .067 | 81.4 | 63.5 | 5.77 | 10.03 | 2 | C | 0 |
| 24849B | | | .443 | .895 | .052 | 83.3 | 63.5 | 8.66 | 15.05 | 2 | C | 0 |
| 24849C | | | .447 | .894 | .031 | 86.0 | 63.4 | 4.94 | 8.59 | 2 | C | 0 |
| 24849D | | | .447 | .892 | .067 | 81.4 | 63.1 | 3.91 | 6.80 | 2 | C | 0 |
| 24851 | | South G | .459 | .818 | .347 | 52.9 | 54.9 | 3.01 | 5.23 | 1 | pMC | 0 |
| 24852 | | | .458 | .826 | .329 | 54.3 | 55.7 | 2.15 | 3.74 | 2 | C | 0 |
| 24853 | | | .450 | .832 | .324 | 54.2 | 56.3 | 3.23 | 5.61 | 2 | C | 0 |
| 24855 | | Babbage D | .456 | .854 | .250 | 61.2 | 58.6 | 31.42 | 54.61 | 4 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24855A | | Babbage E | -.459 | +.851 | +.255 | -60.9 | +58.3 | 3.91 | 6.80 | 1 | C | 0 |
| 24855B | | | .453 | .855 | .253 | 60.9 | 58.8 | 2.84 | 4.94 | 2 | C | 0 |
| 24856 | | | .450 | .863 | .230 | 63.0 | 59.7 | 14.51 | 25.22 | 4 | C | 0 |
| 24858 | (1710E) | Boole E | .454 | .890 | .042 | 84.7 | 62.9 | 7.10 | 12.34 | 2 | C | 0 |
| 24858A | | Cleostratus L | .457 | .885 | .089 | 79.0 | 62.3 | 5.53 | 9.61 | 1 | C | 0 |
| 24858B | | | .457 | .887 | .066 | 81.8 | 62.5 | 8.95 | 15.56 | 4 | C | 0 |
| 24860 | | Harpalus G | .469 | .804 | .366 | 52.1 | 53.5 | 5.49 | 9.54 | 2f | M | 0 |
| 24863 | 1709 | Babbage B | .468 | .839 | .278 | 59.3 | 57.0 | 4.78 | 8.31 | 2 | C | 0 |
| 24863A | | | .467 | .838 | .282 | 58.9 | 56.9 | 4.25 | 7.39 | 2 | C | 0 |
| 24863B | | | .460 | .832 | .310 | 56.0 | 56.3 | 2.45 | 4.26 | 2 | C | 0 |
| 24864 | | | .468 | .846 | .255 | 61.4 | 57.8 | 3.18 | 5.53 | 2 | C | 0 |
| 24867 | | Cleostratus M | .460 | .878 | .132 | 73.9 | 61.4 | 5.68 | 9.87 | 1 | C | 0 |
| 24868 | | Cleostratus F | .469 | .880 | .075 | 80.9 | 61.6 | 29.68 | 51.59 | 3 | C | 0 |
| 24868A | | Cleostratus K | .462 | .883 | .083 | 79.8 | 62.0 | 10.65 | 18.51 | 2 | C | 0 |
| 24868B | | | .461 | .884 | .078 | 80.4 | 62.1 | 3.15 | 5.48 | 2 | C | 0 |
| 24870 | 1668A | Harpalus H | .473 | .806 | .356 | 53.0 | 53.7 | 4.35 | 7.56 | 1 | pM | 0 |
| 24873 | | | .471 | .834 | .287 | 58.6 | 56.5 | 3.94 | 6.85 | 2 | C | 0 |
| 24873A | | | .474 | .832 | .288 | 58.7 | 56.3 | 2.98 | 5.18 | 1 | C | 0 |
| 24873B | | | .478 | .836 | .269 | 60.6 | 56.7 | 3.82 | 6.64 | 1 | C | 0 |
| 24874 | | Oenopides X | .477 | .843 | .249 | 62.5 | 57.5 | 3.28 | 5.70 | 2 | C | 0 |
| 24874A | | | .472 | .840 | .268 | 60.4 | 57.1 | 15.41 | 26.78 | 4 | C | 0 |
| 24874B | | | .473 | .842 | .259 | 61.3 | 57.4 | 3.52 | 6.12 | 2 | C | 0 |
| 24874C | | | .472 | .840 | .268 | 60.4 | 57.1 | 2.20 | 3.82 | 2 | C | 0 |
| 24874D | | | .472 | .849 | .238 | 63.3 | 58.1 | 3.13 | 5.44 | 2 | C | 0 |
| 24875 | | Oenopides Z | .474 | .856 | .206 | 66.5 | 58.9 | 3.03 | 5.27 | 1 | C | 0 |
| 24875A | | | .477 | .854 | .208 | 66.5 | 58.6 | 3.13 | 5.44 | 1 | C | 0 |
| 24875B | | | .475 | .853 | .216 | 65.5 | 58.5 | 2.45 | 4.26 | 2 | C | 0 |
| 24877 | | Cleostratus G | .474 | .874 | .107 | 77.3 | 60.9 | 4.01 | 6.97 | 2 | C | 0 |
| 24877A | | Cleostratus H | .475 | .877 | .072 | 81.3 | 61.3 | 6.93 | 12.05 | 1 | C | 0 |
| 24877B | | Cleostratus J | .475 | .878 | .059 | 82.9 | 61.4 | 12.42 | 21.59 | 2 | C | 0 |
| 24877C | | Cleostratus N | .470 | .871 | .143 | 73.1 | 60.6 | 2.25 | 3.91 | 1 | C | 0 |
| 24877D | | | .479 | .877 | .038 | 85.5 | 61.3 | 8.05 | 13.99 | 2 | C | 0 |
| 24877E | | | .477 | .879 | .000 | 90.0 | 61.5 | 7.59 | 13.19 | 1 | C | 0 |
| 24878 | | | .472 | .881 | .032 | 86.1 | 61.8 | 39.41 | 68.50 | 4 | C | 0 |
| 24882 | | | .482 | .829 | .284 | 59.5 | 56.0 | 2.59 | 4.50 | 2 | C | 0 |
| 24883 | 1712 | Oenopides | .489 | .839 | .239 | 64.0 | 57.0 | 39.66 | 68.94 | 3 | C | 0 |
| 24883A | | Oenopides Y | .486 | .838 | .248 | 63.0 | 56.9 | 3.47 | 6.03 | 1 | C | 0 |
| 24883B | | | .489 | .837 | .246 | 63.3 | 56.8 | 2.74 | 4.76 | 1 | C | 0 |
| 24883C | | | .480 | .832 | .278 | 59.9 | 56.3 | 3.72 | 6.47 | 1 | C | 0 |
| 24883D | | | .482 | .834 | .269 | 60.9 | 56.5 | 2.93 | 5.09 | 1 | C | 0 |
| 24883E | | | .482 | .830 | .281 | 59.8 | 56.1 | 2.40 | 4.17 | 2 | C | 0 |
| 24884 | | | .481 | .849 | .219 | 65.5 | 58.1 | 3.64 | 6.33 | 5 | C | 0 |
| 24885 | 1714 | Oenopides B | .486 | .852 | .195 | 68.2 | 58.4 | 22.97 | 39.93 | 5 | C | 0 |
| 24886 | 1710 | Cleostratus | .481 | .869 | .116 | 76.4 | 60.3 | 36.20 | 62.92 | 3 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24886A | | Cleostratus P | -.484 | +.862 | +.151 | -72.7 | +59.5 | 3.18 | 5.53 | 2 | C | 0 |
| 24886B | | | .484 | .866 | .126 | 75.4 | 60.0 | 2.55 | 4.43 | 2 | C | 0 |
| 24890 | | | .497 | .804 | .326 | 56.7 | 53.5 | 2.45 | 4.26 | 1 | C | 0 |
| 24892 | | Oenopides K | .492 | .826 | .275 | 60.8 | 55.7 | 3.71 | 6.45 | 1 | C | 0 |
| 24892A | | Oenopides L | .499 | .824 | .268 | 61.7 | 55.5 | 4.78 | 8.31 | 1 | C | 0 |
| 24892B | | Oenopides M | .496 | .823 | .277 | 60.8 | 55.4 | 3.52 | 6.12 | 1 | C | 0 |
| 24892C | | | .493 | .822 | .285 | 60.0 | 55.3 | 17.58 | 30.56 | 5 | C | 0 |
| 24892D | | | .490 | .826 | .279 | 60.4 | 55.7 | 3.12 | 5.42 | 1 | C | 0 |
| 24892E | | | .494 | .827 | .268 | 61.5 | 55.8 | 2.64 | 4.59 | 1 | C | 0 |
| 24894 | | Oenopides S | .496 | .849 | .182 | 69.8 | 58.1 | 3.79 | 6.59 | 1 | C | 0 |
| 24895 | | Cleostratus R | .494 | .855 | .158 | 72.3 | 58.8 | 3.86 | 6.71 | 1 | C | 0 |
| 24895A | | | .497 | .855 | .148 | 73.4 | 58.8 | 2.64 | 4.59 | 2 | C | 0 |
| 24895B | | | .497 | .854 | .154 | 72.8 | 58.6 | 24.97 | 43.40 | 4 | C | 0 |
| 24896 | 1718A | Xenophanes A | .497 | .866 | .055 | 83.7 | 60.0 | 24.74 | 43.00 | 2 | C | 0 |
| 24896A | 1718B | Xenophanes C | .496 | .862 | .105 | 78.1 | 59.5 | 5.91 | 10.27 | 1 | C | 0 |
| 24900 | 1700 | Pythagoras D | .409 | .902 | .138 | 71.3 | 64.4 | 19.03 | 33.08 | 2 | C | 0 |
| 24900A | | | .408 | .907 | .104 | 75.7 | 65.1 | 7.78 | 13.52 | 2 | C | 0 |
| 24900B | | Pythagoras P | .404 | .908 | .111 | 74.6 | 65.2 | 5.92 | 10.29 | 1 | C | 0 |
| 24901 | | | .401 | .912 | .086 | 77.8 | 65.8 | 24.15 | 41.98 | 3f | C | 0 |
| 24910 | (1710C) | Boole C | .412 | .909 | .063 | 81.3 | 65.4 | 8.71 | 15.14 | 2 | C | 0 |
| 24910A | | Pythagoras R | .419 | .903 | .095 | 77.2 | 64.6 | 4.89 | 8.50 | 2 | C | 0 |
| 24910B | | | .411 | .907 | .092 | 77.4 | 65.1 | 3.42 | 5.94 | 2 | C | 0 |
| 24920 | | Boole G | .421 | .907 | .010 | 88.6 | 65.1 | 20.06 | 34.87 | 2 | C | ? |
| 24920A | | Boole F | .428 | .900 | .083 | 79.1 | 64.2 | 17.85 | 31.03 | 3 | C | 0 |
| 24920B | | | .423 | .904 | .062 | 81.6 | 64.7 | 2.89 | 5.02 | 1 | C | 0 |
| 24930 | | | .435 | .900 | .028 | 86.3 | 64.2 | 7.17 | 12.46 | 2 | C | 0 |
| 25007 | 1520 | Hortensius A | .509 | .076 | .857 | 30.7 | 4.4 | 5.84 | 10.15 | 1 | pM | 0 |
| 25010 | 2481 | Lansberg A | .516 | .003 | .857 | 31.1 | 0.2 | 4.96 | 8.62 | 1 | pM | 0 |
| 25010A | | Lansberg AA | .510 | .002 | .860 | 30.7 | 0.1 | 2.22 | 3.86 | 2 | pM | 0 |
| 25012 | | Kunowsky G | .511 | .029 | .859 | 30.7 | 1.7 | 2.08 | 3.62 | 2 | pM | 0 |
| 25021 | | Lansberg AB | .525 | .012 | .851 | 31.7 | 0.7 | 1.10 | 1.91 | 2 | pM | 0 |
| 25029 | | Hortensius DA | .529 | .099 | .843 | 32.1 | 5.7 | 2.43 | 4.22 | 1 | pM | 0 |
| 25035 | 1535 | Kunowsky | .536 | .056 | .842 | 32.5 | 3.2 | 10.56 | 18.35 | 2 | aM | p |
| 25039 | 1524 | Hortensius D | .532 | .094 | .842 | 32.3 | 5.4 | 4.81 | 8.36 | 3 | pM | 0 |
| 25039A | | Hortensius DC | .539 | .099 | .836 | 32.8 | 5.7 | 1.84 | 3.20 | 2 | pM | 0 |
| 25048 | | Hortensius DD | .540 | .089 | .837 | 32.8 | 5.1 | 1.74 | 3.02 | 2 | pM | 0 |
| 25077 | | Encke M | .572 | .078 | .817 | 35.0 | 4.5 | 2.03 | 3.53 | 2 | pM | 0 |
| 25091 | 1542D | Encke C | .593 | .011 | .805 | 36.4 | 0.6 | 4.87 | 8.46 | 1 | pM | 0 |
| 25094 | 1539 | Encke B | .598 | .041 | .800 | 36.8 | 2.3 | 6.60 | 11.47 | 1 | pM | 0 |
| 25097 | 1538 | Encke | .595 | .080 | .800 | 36.6 | 4.6 | 16.91 | 29.39 | 2 | aMC | 0 |
| 25110 | | Hortensius DB | .514 | .102 | .852 | 31.1 | 5.9 | 3.37 | 5.86 | 3 | pM | 0 |
| 25126 | 1530 | Milichius A | .523 | .161 | .837 | 32.0 | 9.3 | 5.25 | 9.13 | 1 | pM | 0 |
| 25165 | | Kepler T | .560 | .157 | .813 | 34.5 | 9.0 | 2.03 | 3.53 | 2 | pM | 0 |
| 25173 | 1556 | Kepler B | .573 | .134 | .809 | 35.3 | 7.7 | 3.39 | 5.89 | 2 | pMC | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25182 | 1555 | Kepler A | -.584 | +.124 | +.802 | -36.1 | + 7.1 | 6.32 | 10.99 | 1 | pMC | 0 |
| 25190 | | Encke Y | .590 | .102 | .801 | 36.4 | 5.9 | 1.89 | 3.29 | 3 | C | 0 |
| 25241 | | Kepler P | .546 | .212 | .811 | 34.0 | 12.2 | 2.67 | 4.64 | 2 | pM | 0 |
| 25255 | | Bessarion V | .553 | .259 | .792 | 34.9 | 15.0 | 1.75 | 3.04 | 1 | pM | 0 |
| 25278 | | Bessarion W | .575 | .287 | .766 | 36.9 | 16.7 | 1.84 | 3.20 | 2 | pM | 0 |
| 25285 | 1572 | Bessarion | .585 | .256 | .770 | 37.2 | 14.8 | 5.88 | 10.22 | 1 | pM | 0 |
| 25286 | 1577 | Bessarion E | .584 | .265 | .767 | 37.3 | 15.4 | 4.56 | 7.93 | 1 | pM | 0 |
| 25304 | 1581 | Brayley D | .509 | .342 | .790 | 32.8 | 20.0 | 3.46 | 6.01 | 1 | pM | 0 |
| 25325 | 1579 | Brayley B | .527 | .354 | .773 | 34.3 | 20.7 | 5.87 | 10.20 | 1 | pM | 0 |
| 25325A | 1581B | Brayley F | .522 | .360 | .773 | 34.0 | 21.1 | 3.29 | 5.72 | 1 | pM | 0 |
| 25340 | | T. Mayer W | .546 | .300 | .782 | 34.9 | 17.5 | 18.81 | 32.69 | 5f | aM | 0 |
| 25365 | 1578 | Brayley | .561 | .356 | .747 | 36.9 | 20.9 | 8.36 | 14.53 | 1 | pM | 0 |
| 25396 | 1581A | Brayley E | .596 | .362 | .717 | 39.7 | 21.2 | 2.72 | 4.73 | 1 | pM | 0 |
| 25396A | 1580 | Brayley C | .591 | .364 | .720 | 39.4 | 21.3 | 4.96 | 8.62 | 1 | pM | 0 |
| 25401 | 1584 | Euler E | .508 | .418 | .753 | 34.0 | 24.7 | 4.00 | 6.95 | 1 | pM | 0 |
| 25405 | 1591A | Diophantus C | .506 | .458 | .731 | 34.7 | 27.3 | 2.89 | 5.02 | 1 | pM | 0 |
| 25425 | | Diophantus D | .528 | .452 | .719 | 36.3 | 26.9 | 2.84 | 4.94 | 1 | pM | 0 |
| 25426 | 1590 | Diophantus A | .528 | .463 | .712 | 36.6 | 27.6 | 4.93 | 8.57 | 1 | pM | 0 |
| 25440 | | Brayley G | .542 | .409 | .734 | 36.4 | 24.1 | 2.31 | 4.02 | 3 | pM | 0 |
| 25442 | | Brayley S | .541 | .423 | .727 | 36.7 | 25.0 | 2.06 | 3.58 | 1 | pM | 0 |
| 25448 | | Delisle K | .543 | .484 | .686 | 38.4 | 28.9 | 2.24 | 3.89 | 1 | pM | 0 |
| 25479 | 1737 | Angström | .576 | .498 | .648 | 41.6 | 29.9 | 5.64 | 9.80 | 1 | pM | 0 |
| 25507 | | | .506 | .578 | .640 | 38.3 | 35.3 | 2.11 | 3.67 | 1 | pMC | 0 |
| 25508 | 1606 | Gruithuisen B | .508 | .582 | .635 | 38.7 | 35.6 | 5.71 | 9.92 | 1 | pMC | 0 |
| 25513 | | | .516 | .531 | .672 | 37.5 | 32.1 | 22.33 | 38.81 | 5f | aM | 0 |
| 25516 | | | .512 | .564 | .648 | 38.3 | 34.3 | 2.63 | 4.57 | 2 | pMC | 0 |
| 25524 | | Gruithuisen H | .520 | .549 | .654 | 38.5 | 33.3 | 2.96 | 5.14 | 1 | pMC | 0 |
| 25534 | 1605 | Gruithuisen | .537 | .542 | .646 | 39.7 | 32.8 | 8.75 | 15.21 | 2 | pM | 0 |
| 25549 | | | .546 | .594 | .591 | 42.7 | 36.4 | 4.30 | 7.47 | 2 | C | 0 |
| 25549A | | | .544 | .598 | .589 | 42.7 | 36.7 | 4.26 | 7.40 | 3 | C | 0 |
| 25549B | | | .543 | .596 | .592 | 42.5 | 36.6 | 2.60 | 4.52 | 3 | C | 0 |
| 25557 | | Gruithuisen K | .553 | .578 | .600 | 42.7 | 35.3 | 3.95 | 6.87 | 3 | pMC | 0 |
| 25558 | | | .552 | .587 | .592 | 43.0 | 35.9 | 2.88 | 5.01 | 2 | C | 0 |
| 25559 | | Gruithuisen G | .558 | .595 | .578 | 44.0 | 36.5 | 3.48 | 6.05 | 2 | C | 0 |
| 25559A | | | .556 | .590 | .585 | 43.5 | 36.2 | 3.24 | 5.63 | 2 | C | 0 |
| 25559B | | | .559 | .590 | .583 | 43.8 | 36.2 | 3.26 | 5.67 | 2 | C | 0 |
| 25559C | | | .552 | .590 | .589 | 43.1 | 36.2 | 3.00 | 5.21 | 3 | C | 0 |
| 25561 | | Angström A | .564 | .514 | .646 | 41.1 | 30.9 | 3.46 | 6.01 | 1 | pM | 0 |
| 25569 | | | .563 | .591 | .578 | 44.3 | 36.2 | 2.94 | 5.11 | 3 | pMC | 0 |
| 25592 | | Angström B | .592 | .526 | .611 | 44.1 | 31.7 | 3.41 | 5.93 | 1 | pM | 0 |
| 25602 | | | .504 | .625 | .596 | 40.2 | 38.7 | 16.28 | 28.30 | 4f | aMC | 0 |
| 25603 | | | .509 | .635 | .581 | 41.2 | 39.4 | 3.36 | 5.84 | 3 | C | 0 |
| 25603A | | | .505 | .632 | .588 | 40.7 | 39.2 | 2.57 | 4.47 | 2 | C | 0 |
| 25604 | | | .500 | .641 | .582 | 40.6 | 39.9 | 3.27 | 5.68 | 3 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25605 | | | -.508 | +.653 | +.562 | -42.1 | +40.8 | 4.52 | 7.86 | 2 | C | 0 |
| 25605A | | | .504 | .655 | .563 | 41.8 | 40.9 | 3.61 | 6.27 | 3 | C | 0 |
| 25605B | | | .501 | .655 | .566 | 41.5 | 40.9 | 3.56 | 6.19 | 3 | C | 0 |
| 25605C | | | .503 | .652 | .567 | 41.6 | 40.7 | 2.94 | 5.11 | 3 | C | 0 |
| 25608 | | | .502 | .682 | .532 | 43.3 | 43.0 | 4.17 | 7.25 | 2 | C | 0 |
| 25610 | | Gruithuisen P | .518 | .603 | .607 | 40.5 | 37.1 | 4.41 | 7.67 | 3f | aMC | 0 |
| 25610A | | | .518 | .606 | .604 | 40.6 | 37.3 | 4.20 | 7.30 | 2 | C | 0 |
| 25613 | | | .513 | .631 | .582 | 41.4 | 39.1 | 4.04 | 7.02 | 3 | C | 0 |
| 25613A | | | .519 | .637 | .570 | 42.3 | 39.6 | 2.82 | 4.90 | 2 | C | 0 |
| 25614 | | | .511 | .640 | .574 | 41.7 | 39.8 | 3.30 | 5.74 | 3 | C | 0 |
| 25614A | | | .516 | .643 | .566 | 42.4 | 40.0 | 3.80 | 6.60 | 3 | C | 0 |
| 25614B | | | .511 | .646 | .567 | 42.0 | 40.2 | 3.23 | 5.61 | 2 | C | 0 |
| 25615 | | | .513 | .650 | .561 | 42.5 | 40.5 | 3.06 | 5.32 | 2 | C | 0 |
| 25616 | 1611 | Mairan | .514 | .664 | .543 | 43.4 | 41.6 | 23.61 | 41.04 | 1 | C | 0 |
| 25617 | | Mairan Y | .511 | .678 | .528 | 44.0 | 42.7 | 3.75 | 6.52 | 2 | C | 0 |
| 25617A | | | .518 | .677 | .523 | 44.7 | 42.6 | 3.48 | 6.05 | 3 | C | 0 |
| 25617B | | | .519 | .678 | .521 | 44.9 | 42.7 | 2.96 | 5.14 | 2 | C | 0 |
| 25618 | 1621 | Louville A | .517 | .685 | .513 | 45.2 | 43.2 | 4.79 | 8.33 | 2 | C | 0 |
| 25619 | 1620 | Louville | .517 | .694 | .501 | 45.9 | 43.9 | 20.81 | 36.17 | 4 | C | 0 |
| 25619A | | | .519 | .697 | .495 | 46.4 | 44.2 | 2.67 | 4.64 | 2 | C | 0 |
| 25623 | | | .523 | .632 | .572 | 42.4 | 39.2 | 3.47 | 6.03 | 2 | C | 0 |
| 25623A | | | .528 | .637 | .562 | 43.2 | 39.6 | 3.18 | 5.53 | 3 | C | 0 |
| 25623B | | | .520 | .632 | .575 | 42.1 | 39.2 | 3.08 | 5.35 | 2 | C | 0 |
| 25623C | | | .528 | .630 | .569 | 42.8 | 39.1 | 3.03 | 5.27 | 3 | C | 0 |
| 25624 | | | .522 | .647 | .556 | 43.2 | 40.3 | 4.09 | 7.11 | 2 | C | 0 |
| 25624A | | | .529 | .646 | .550 | 43.9 | 40.2 | 4.06 | 7.06 | 2 | C | 0 |
| 25624B | | | .524 | .645 | .556 | 43.3 | 40.2 | 3.33 | 5.79 | 2 | C | 0 |
| 25626 | | | .526 | .668 | .526 | 45.0 | 41.9 | 4.07 | 7.07 | 3 | C | 0 |
| 25626A | | | .529 | .660 | .533 | 44.8 | 41.3 | 3.51 | 6.10 | 2 | C | 0 |
| 25627 | | | .529 | .671 | .520 | 45.5 | 42.1 | 3.94<br>7.41 | 6.85<br>12.88 | 3 | C | 0 |
| 25628 | | Louville E | .524 | .683 | .509 | 45.8 | 43.1 | 3.14 | 5.46 | 1 | C | 0 |
| 25628A | | | .520 | .683 | .513 | 45.4 | 43.1 | 3.38 | 5.87 | 3 | C | 0 |
| 25628B | | | .524 | .689 | .501 | 46.3 | 43.6 | 3.04 | 5.28 | 2 | C | 0 |
| 25629 | | Louville B | .521 | .695 | .496 | 46.4 | 44.0 | 4.65 | 8.08 | 2 | C | 0 |
| 25632 | | Mairan L | .531 | .629 | .568 | 43.1 | 39.0 | 3.39 | 5.89 | 2 | C | 0 |
| 25632A | | | .539 | .621 | .569 | 43.4 | 38.4 | 6.07 | 10.55 | 4f | aMC | 0 |
| 25632B | | | .539 | .624 | .566 | 43.6 | 38.6 | 3.20 | 5.56 | 3 | C | 0 |
| 25632C | | | .537 | .626 | .565 | 43.5 | 38.8 | 3.04 | 5.28 | 2 | C | 0 |
| 25633 | | | .532 | .635 | .560 | 43.5 | 39.4 | 3.13 | 5.44 | 2 | C | 0 |
| 25633A | | | .535 | .633 | .560 | 43.7 | 39.3 | 2.90 | 5.04 | 2 | C | 0 |
| 25634 | | | .537 | .644 | .545 | 44.6 | 40.1 | 3.02 | 5.25 | 2 | C | 0 |
| 25635 | 1613 | Mairan D | .538 | .655 | .531 | 45.4 | 40.9 | 5.81 | 10.10 | 1 | C | 0 |
| 25635A | | | .532 | .652 | .540 | 44.6 | 40.7 | 2.06 | 3.58 | 2 | C | 0 |
| 25636 | | | .531 | .661 | .530 | 45.0 | 41.4 | 3.49 | 6.07 | 2 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25636A | | | -.536 | +.661 | +.525 | -45.6 | +41.4 | 3.13 | 5.44 | 2 | C | 0 |
| 25636B | | | .534 | .669 | .517 | 45.9 | 42.0 | 4.41 | 7.67 | 3 | C | 0 |
| 25638 | | | .535 | .684 | .496 | 47.2 | 43.2 | 21.57 | 37.49 | 5f | aMC | 0 |
| 25639 | | | .530 | .696 | .484 | 47.6 | 44.1 | 2.90 | 5.04 | 3 | C | 0 |
| 25640 | | Gruithuisen M | .547 | .600 | .584 | 43.1 | 36.9 | 4.49 | 7.80 | 2 | C | 0 |
| 25640A | | | .542 | .608 | .580 | 43.1 | 37.4 | 2.65 | 4.61 | 3 | C | 0 |
| 25642 | | | .548 | .621 | .560 | 44.4 | 38.4 | 2.90 | 5.04 | 3 | C | 0 |
| 25642A | | | .546 | .623 | .560 | 44.3 | 38.5 | 2.38 | 4.14 | 2 | C | 0 |
| 25643 | | | .540 | .634 | .554 | 44.3 | 39.3 | 2.96 | 5.14 | 2 | C | 0 |
| 25643A | | | .542 | .633 | .553 | 44.4 | 39.3 | 2.11 | 3.67 | 2 | C | 0 |
| 25643B | | | .546 | .632 | .550 | 44.8 | 39.2 | 2.68 | 4.66 | 2 | C | 0 |
| 25643C | | | .547 | .634 | .547 | 45.0 | 39.3 | 3.28 | 5.70 | 2 | C | 0 |
| 25643D | | | .549 | .637 | .541 | 45.4 | 39.6 | 3.03 | 5.27 | 2 | C | 0 |
| 25644 | 1614A | Mairan F | .541 | .646 | .539 | 45.1 | 40.2 | 4.95 | 8.60 | 1 | C | 0 |
| 25644A | | | .545 | .642 | .539 | 45.3 | 39.9 | 3.42 | 5.94 | 3 | C | 0 |
| 25644B | | | .542 | .643 | .541 | 45.0 | 40.0 | 3.23 | 5.61 | 2 | C | 0 |
| 25644C | | | .543 | .641 | .542 | 45.0 | 39.9 | 2.32 | 4.03 | 2 | C | 0 |
| 25645 | | | .545 | .655 | .523 | 46.2 | 40.9 | 3.02 | 5.25 | 2 | C | 0 |
| 25646 | | | .541 | .664 | .516 | 46.3 | 41.6 | 3.55 | 6.17 | 2 | C | 0 |
| 25646A | | | .545 | .662 | .515 | 46.6 | 41.5 | 3.45 | 6.00 | 2 | C | 0 |
| 25646B | | | .547 | .669 | .503 | 47.4 | 42.0 | 4.33 | 7.53 | 4f | aMC | 0 |
| 25647 | | | .542 | .678 | .497 | 47.5 | 42.7 | 5.03 | 8.74 | 4f | aMC | 0 |
| 25650 | 1605A | Gruithuisen E | .555 | .606 | .570 | 44.2 | 37.3 | 4.77 | 8.29 | 1 | C | 0 |
| 25651 | | | .554 | .611 | 565 | 44.4 | 37.7 | 3.52 | 6.12 | 2 | C | 0 |
| 25651A | | | .552 | .614 | .564 | 44.4 | 37.9 | 3.65 | 6.34 | 3 | C | 0 |
| 25652 | | | .558 | .623 | .548 | 45.5 | 38.5 | 2.84 | 4.94 | 2 | C | 0 |
| 25653 | | Mairan N | .553 | .631 | .544 | 45.5 | 39.1 | 3.51 | 6.10 | 1 | C | 0 |
| 25653A | | | .551 | .636 | .540 | 45.6 | 39.5 | 2.58 | 4.48 | 2 | C | 0 |
| 25654 | | | .551 | .640 | .536 | 45.8 | 39.8 | 2.46 | 4.28 | 2 | C | 0 |
| 25654A | | | .551 | .642 | .533 | 45.9 | 39.9 | 2.83 | 4.92 | 3 | C | 0 |
| 25656 | | Mairan T | .557 | .665 | .498 | 48.2 | 41.7 | 1.36 | 2.36 | 1 | pMC | 0 |
| 25660 | | Gruithuisen R | .566 | .603 | .562 | 45.2 | 37.1 | 3.93 | 6.83 | 2 | C | 0 |
| 25660A | | Gruithuisen S | .568 | .608 | .555 | 45.7 | 37.4 | 3.99 | 6.94 | 2 | C | 0 |
| 25660B | | | .563 | .604 | .564 | 44.9 | 37.2 | 3.77 | 6.55 | 3 | C | 0 |
| 25660C | | | .560 | .606 | .565 | 44.7 | 37.3 | 3.40 | 5.91 | 2 | C | 0 |
| 25661 | | | .560 | .613 | .557 | 45.1 | 37.8 | 4.58 | 7.96 | 3 | C | 0 |
| 25661A | | | .564 | .615 | .551 | 45.7 | 38.0 | 2.59 | 4.50 | 2 | C | 0 |
| 25661B | | | .562 | .615 | .553 | 45.5 | 38.0 | 2.53 | 4.40 | 2 | C | 0 |
| 25661C | | | .561 | .618 | .551 | 45.5 | 38.2 | 2.83 | 4.92 | 1 | C | 0 |
| 25662 | 1613A | Mairan C | .562 | .623 | .544 | 45.9 | 38.5 | 3.83 | 6.66 | 1 | C | 0 |
| 25662A | | | .563 | .625 | .541 | 46.2 | 38.7 | 2.64 | 4.59 | 2 | C | 0 |
| 25662B | | | .562 | .629 | .537 | 46.3 | 39.0 | 2.74 | 4.76 | 4 | pMC | 0 |
| 25663 | | | .564 | .630 | .534 | 46.6 | 39.1 | 5.64 | 9.80 | 4f | aMC | 0 |
| 25685 | 1613B | Mairan G | .585 | .654 | .480 | 50.7 | 40.8 | 3.34 | 5.81 | 1 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25700 | | | -.507 | +.709 | +.490 | - 46.0 | + 45.2 | 3.92 | 6.81 | 3 | C | 0 |
| 25700A | | | .509 | .706 | .492 | 45.9 | 44.9 | 4.18 | 7.27 | 3 | C | 0 |
| 25700B | | | .506 | .703 | .500 | 45.4 | 44.7 | 3.60 | 6.26 | 3 | C | 0 |
| 25700C | | | .504 | .702 | .503 | 45.0 | 44.6 | 4.11 | 7.14 | 3 | C | 0 |
| 25700D | | | .508 | .703 | .498 | 45.6 | 44.7 | 3.29 | 5.72 | 3 | C | 0 |
| 25702 | | Sharp V | .506 | .721 | .473 | 46.9 | 46.1 | 3.80 | 6.60 | 2 | C | 0 |
| 25702A | | | .503 | .724 | .472 | 46.8 | 46.4 | 3.69 | 6.41 | 3 | C | 0 |
| 25703 | | Sharp U | .508 | .735 | .449 | 48.5 | 47.3 | 3.62 | 6.29 | 2 | C | 0 |
| 25703A | | | .508 | .733 | .452 | 48.3 | 47.1 | 4.29 | 7.46 | 3 | C | 0 |
| 25703B | | | .506 | .738 | .446 | 48.6 | 47.6 | 3.74 | 6.50 | 2 | pMC | 0 |
| 25703C | | | .500 | .738 | .453 | 47.8 | 47.6 | 2.61 | 4.54 | 2 | pM | 0 |
| 25703D | | | .502 | .736 | .454 | 47.9 | 47.4 | 3.82 | 6.64 | 2 | pM | 0 |
| 25710 | | | .512 | .703 | .494 | 46.0 | 44.7 | 3.63 | 6.31 | 3 | C | 0 |
| 25711 | | | .510 | .712 | .483 | 46.6 | 45.4 | 4.79 | 8.33 | 4 | C | 0 |
| 25711A | | | .518 | .719 | .463 | 48.2 | 46.0 | 3.71 | 6.45 | 2 | C | 0 |
| 25712 | | | .510 | .723 | .466 | 47.6 | 46.3 | 2.26 | 3.93 | 2 | C | 0 |
| 25712A | | | .514 | .724 | .460 | 48.2 | 46.4 | 2.83 | 4.92 | 2 | C | 0 |
| 25713 | | | .511 | .732 | .451 | 48.6 | 47.1 | 3.97 | 6.90 | 3 | C | 0 |
| 25713A | | | .513 | .739 | .437 | 49.6 | 47.6 | 2.00 | 3.48 | 2 | C | 0 |
| 25721 | | | .526 | .717 | .457 | 49.0 | 45.8 | 3.71 | 6.45 | 4 | C | 0 |
| 25722 | | | .522 | .721 | .456 | 48.9 | 46.1 | 2.78 | 4.83 | 3 | C | 0 |
| 25729 | | | .529 | .793 | .302 | 60.3 | 52.5 | 2.91 | 5.06 | 3 | pM | 0 |
| 25731 | | | .536 | .719 | .442 | 50.5 | 46.0 | 2.03 | 3.53 | 1 | pM | 0 |
| 25732 | (1724) | Louville D | .539 | .729 | .422 | 51.9 | 46.8 | 3.88 | 6.74 | 1 | pM | 0 |
| 25732A | | Louville DA | .539 | .726 | .427 | 51.6 | 46.6 | 6.05 | 10.52 | 2 | pM | 0 |
| 25736 | | Markov G | .533 | .764 | .364 | 55.7 | 49.8 | 2.77 | 4.81 | 1 | pM | 0 |
| 25738 | (1725A) | Markov U | .535 | .785 | .312 | 59.7 | 51.7 | 16.71 | 29.04 | 4f | aM | 0 |
| 25741 | | | .549 | .714 | .435 | 51.6 | 45.6 | 3.52 | 6.12 | 3 | pMC | 0 |
| 25741A | | | .547 | .714 | .437 | 51.4 | 45.6 | 2.60 | 4.52 | 2 | pMC | 0 |
| 25741B | | | .545 | .716 | .436 | 51.3 | 45.7 | 2.25 | 3.91 | 2 | pMC | 0 |
| 25742 | | | .544 | .724 | .424 | 52.1 | 46.4 | 3.46 | 6.01 | 3 | aM | 0 |
| 25747 | (1725) | Markov E | .550 | .772 | .319 | 59.9 | 50.5 | 6.83 | 11.87 | 1 | pM | 0 |
| 25751 | (1725D) | Louville P | .552 | .713 | .432 | 51.9 | 45.5 | 3.90 | 6.78 | 2 | pMC | 0 |
| 25752 | | | .555 | .724 | .410 | 53.6 | 46.4 | 4.54 | 7.89 | 3f | aMC | 0 |
| 25759 | | | .553 | .794 | .252 | 65.5 | 52.6 | 2.92 | 5.08 | 1 | pM | 0 |
| 25762 | | Louville K | .562 | .728 | .393 | 55.1 | 46.7 | 2.80 | 4.87 | 1 | pM | 0 |
| 25766 | (1725B) | Markov F | .566 | .766 | .305 | 61.7 | 50.0 | 4.75 | 8.26 | 1 | pM | 0 |
| 25789 | | | .583 | .797 | .158 | 74.9 | 52.8 | 3.62 | 6.29 | 2 | pMC | 0 |
| 25797 | | | .595 | .776 | .209 | 70.6 | 50.9 | 19.51 | 33.91 | 5f | aM | 0 |
| 25798 | | | .597 | .787 | .156 | 75.4 | 51.9 | 10.83 | 18.82 | 3f | C | 0 |
| 25799 | | Repsold W | .597 | .794 | .115 | 79.1 | 52.6 | 4.96 | 8.62 | 2 | C | 0 |
| 25799A | | | .599 | .794 | .104 | 80.2 | 52.6 | 3.96 | 6.88 | 1 | C | 0 |
| 25799B | | | .591 | .796 | .131 | 77.5 | 52.7 | 5.98 | 10.39 | 3 | C | 0 |
| 25801 | | | .506 | .819 | .271 | 61.9 | 55.0 | 2.30 | 4.00 | 1 | C | 0 |
| 25803 | | | .502 | .836 | .222 | 66.2 | 56.7 | 3.72 | 6.47 | 2 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25804 | | Oenopides T | -.504 | +.840 | +.201 | -68.3 | +57.1 | 2.95 | 5.13 | 1 | C | 0 |
| 25805 | 1718C | Xenophanes D | .508 | .854 | .112 | 77.5 | 58.6 | 6.78 | 11.78 | 1 | C | 0 |
| 25805A | | | .502 | .857 | .116 | 76.9 | 59.0 | 3.57 | 6.21 | 1 | C | 0 |
| 25805B | | | .504 | .857 | .107 | 78.0 | 59.0 | 3.63 | 6.31 | 2 | C | 0 |
| 25805C | | | .509 | .857 | .080 | 81.0 | 59.0 | 2.98 | 5.18 | 1 | C | 0 |
| 25806 | | | .501 | .865 | .028 | 86.8 | 59.9 | 16.78 | 29.17 | 1 | C | 0 |
| 25806A | | | .500 | .861 | .093 | 79.4 | 59.4 | 9.18 | 15.96 | 2 | C | 0 |
| 25806B | | | .501 | .862 | .077 | 81.2 | 59.5 | 5.38 | 9.35 | 2 | C | 0 |
| 25811 | | | .517 | .816 | .259 | 63.4 | 54.7 | 2.25 | 3.91 | 1 | C | 0 |
| 25811A | | | .513 | .813 | .275 | 61.8 | 54.4 | 2.35 | 4.08 | 2 | C | 0 |
| 25811B | | | .513 | .814 | .272 | 62.0 | 54.5 | 2.74 | 4.76 | 1 | C | 0 |
| 25811C | | | .511 | .819 | .261 | 62.9 | 55.0 | 3.23 | 5.61 | 2 | C | 0 |
| 25813 | | | .515 | .832 | .206 | 68.2 | 56.3 | 2.40 | 4.17 | 1 | C | 0 |
| 25814 | | | .516 | .840 | .168 | 72.0 | 57.1 | 2.93 | 5.09 | 1 | C | 0 |
| 25814A | | | .511 | .840 | .182 | 70.4 | 57.1 | 2.40 | 4.17 | 1 | C | 0 |
| 25814B | | | .510 | .848 | .144 | 74.2 | 58.0 | 11.37 | 19.76 | 4 | C | 0 |
| 25815 | | Xenophanes K | .516 | .854 | .067 | 82.7 | 58.6 | 7.14 | 12.41 | 1 | C | 0 |
| 25815A | | | .514 | .850 | .115 | 77.4 | 58.2 | 7.55 | 13.12 | 2 | C | 0 |
| 25815B | | | .517 | .853 | .071 | 82.1 | 58.5 | 3.99 | 6.94 | 2 | C | 0 |
| 25820 | (1713) | Markov | .530 | .802 | .275 | 62.5 | 53.3 | 23.77 | 41.32 | 1 | pMC | p |
| 25822 | | Oenopides R | .523 | .824 | .218 | 67.4 | 55.5 | 30.63 | 53.24 | 4f | aMC | 0 |
| 25823 | | Xenophanes F | .525 | .836 | .160 | 73.1 | 56.7 | 13.64 | 23.71 | 4f | aMC | p |
| 25823A | | Xenophanes G | .529 | .837 | .140 | 75.2 | 56.8 | 4.06 | 7.06 | 1 | C | 0 |
| 25824 | | | .528 | .846 | .074 | 82.0 | 57.8 | 3.91 | 6.80 | 2 | C | 0 |
| 25825 | | | .521 | .850 | .078 | 81.5 | 58.2 | 2.89 | 5.02 | 2 | C | 0 |
| 25831 | | | .532 | .817 | .222 | 67.3 | 54.8 | 3.08 | 5.35 | 2 | pM | 0 |
| 25833 | | | .530 | .839 | .123 | 76.9 | 57.0 | 5.05 | 8.78 | 3 | C | 0 |
| 25834 | 1718D | Xenophanes E | .531 | .846 | .048 | 84.8 | 57.8 | 4.74<br>8.24 | 8.24<br>14.32 | 1 | C | 0 |
| 25834A | 1718 | Xenophanes | .532 | .842 | .090 | 80.4 | 57.4 | 63.82 | 110.93 | 3 | C | R |
| 25842 | | | .547 | .824 | .148 | 74.9 | 55.5 | 19.65 | 34.15 | 4 | aMC | 0 |
| 25843 | | Xenophanes H | .548 | .835 | .050 | 84.8 | 56.6 | 4.62 | 8.03 | 2 | C | 0 |
| 25851 | | | .556 | .816 | .158 | 74.1 | 54.7 | 4.74 | 8.24 | 3 | pMC | 0 |
| 25852 | | | .559 | .823 | .101 | 79.8 | 55.4 | 12.61 | 21.92 | 3 | C | p |
| 25852A | | | .555 | .829 | .069 | 82.9 | 56.0 | 2.54 | 4.41 | 1 | C | 0 |
| 25861 | | Regnault L | .565 | .817 | .115 | 78.5 | 54.8 | 12.19 | 21.19 | 2 | C | 0 |
| 25861A | | Regnault M | .567 | .817 | .105 | 79.5 | 54.8 | 4.26 | 7.40 | 1 | C | 0 |
| 25861B | | | .567 | .812 | .138 | 76.3 | 54.3 | 3.67 | 6.38 | 1 | C | 0 |
| 25861C | | | .563 | .816 | .131 | 76.9 | 54.7 | 3.86 | 6.71 | 1 | C | 0 |
| 25862 | | | .565 | .825 | .012 | 88.8 | 55.6 | 4.07 | 7.07 | 1 | C | 0 |
| 25862A | | | .562 | .827 | .015 | 88.5 | 55.8 | 3.05 | 5.30 | 1 | C | 0 |
| 25862B | | | .562 | .826 | .043 | 85.6 | 55.7 | 2.93 | 5.09 | 2 | C | 0 |
| 25870 | | | .579 | .807 | .116 | 78.6 | 53.8 | 5.18 | 9.00 | 1 | C | 0 |
| 25870A | | | .574 | .806 | .145 | 75.9 | 53.7 | 5.38 | 9.35 | 2 | C | 0 |
| 25871 | | Regnault B | .576 | .814 | .075 | 82.6 | 54.5 | 4.79 | 8.33 | 1 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 25872 | 1727A | Regnault C | -.572 | +.820 | +.020 | -88.0 | +55.1 | 7.84 | 13.63 | 1 | C | 0 |
| 25880 | 1727 | Regnault | .586 | .810 | .022 | 87.8 | 54.1 | 28.67 | 49.83 | 2 | C | 0 |
| 25880A | 1723 | Repsold B | .580 | .800 | .154 | 75.2 | 53.1 | 21.74 | 37.79 | 4f | aMC | 0 |
| 25880B | | Volta | .585 | .809 | .057 | 84.4 | 54.0 | 62.91 | 109.35 | 4 | C | p |
| 25880C | | | .587 | .804 | .095 | 80.8 | 53.5 | 2.84 | 4.94 | 2 | C | 0 |
| 25881 | | Regnault X | .580 | .814 | .032 | 86.9 | 54.5 | 6.06 | 10.53 | 1 | C | 0 |
| 25890 | | Regnault W | .595 | .803 | .034 | 86.7 | 53.4 | 6.99 | 12.15 | 1 | C | 0 |
| 25890A | | | .595 | .800 | .077 | 82.6 | 53.1 | 10.08 | 17.52 | 4f | aMC | 0 |
| 26002 | | Encke K | .604 | .024 | .797 | 37.2 | 1.4 | 2.47 | 4.29 | 1 | pM | 0 |
| 26007 | | Encke H | .605 | .070 | .793 | 37.3 | 4.0 | 2.08 | 3.62 | 1 | pM | 0 |
| 26008 | | Encke N | .601 | .080 | .795 | 37.1 | 4.6 | 2.03 | 3.53 | 1 | pM | 0 |
| 26015 | | Encke T | .614 | .058 | .787 | 38.0 | 3.3 | 55.18 | 95.91 | 5f | aM | 0 |
| 26018 | | Encke GA | .619 | .085 | .781 | 38.4 | 4.9 | 1.98 | 3.44 | 2 | pMC | 0 |
| 26028 | 1542 | Encke G | .624 | .083 | .777 | 38.8 | 4.8 | 3.74 | 6.50 | 3 | pMC | 0 |
| 26039 | 1542E | Encke J | .633 | .091 | .769 | 39.5 | 5.2 | 3.12 | 5.42 | 1 | pM | 0 |
| 26040 | 1540 | Encke E | .645 | .006 | .764 | 40.2 | 0.3 | 4.95 | 8.60 | 1 | pM | 0 |
| 26041 | | Encke X | .646 | .016 | .763 | 40.2 | 0.9 | 2.03 | 3.53 | 1 | pM | 0 |
| 26048 | 1542B | Maestlin | .649 | .085 | .756 | 40.6 | 4.9 | 4.10 | 7.13 | 1 | pM | 0 |
| 26066 | 1542C | Maestlin R | .661 | .061 | .748 | 41.5 | 3.5 | 35.01 | 60.85 | 4f | aM | 0 |
| 26073 | | Maestlin G | .670 | .035 | .742 | 42.1 | 2.0 | 1.58 | 2.75 | 1 | pM | 0 |
| 26088 | 1542A | Maestlin H | .686 | .081 | .723 | 43.5 | 4.6 | 4.09 | 7.11 | 1 | pM | 0 |
| 26091 | | Suess FA | .691 | .014 | .723 | 43.7 | 0.8 | 2.12 | 3.68 | 1 | pM | 0 |
| 26104 | 1554 | Kepler | .609 | .141 | .781 | 38.0 | 8.1 | 18.15 | 31.55 | 2 | pM | pp |
| 26124 | 1559A | Kepler F | .623 | .145 | .769 | 39.0 | 8.3 | 3.91 | 6.80 | 1 | pM | 0 |
| 26138 | | Kepler CB | .634 | .189 | .750 | 40.2 | 10.9 | 2.03 | 3.53 | 1 | pM | 0 |
| 26144 | | | .646 | .144 | .750 | 40.8 | 8.3 | 31.43 | 54.63 | 5f | aM | 0 |
| 26157 | 1557 | Kepler C | .656 | .174 | .734 | 41.8 | 10.0 | 7.04 | 12.24 | 1 | pM | 0 |
| 26162 | 1558 | Kepler D | .661 | .129 | .739 | 41.8 | 7.4 | 5.77 | 10.03 | 3f | aM | 0 |
| 26168 | | Kepler CA | .665 | .184 | .724 | 42.6 | 10.6 | 3.14 | 5.46 | 1 | pM | 0 |
| 26182 | 1559 | Kepler E | .688 | .129 | .714 | 43.9 | 7.4 | 3.01 | 5.23 | 1 | pM | 0 |
| 26199 | 1817 | Marius D | .693 | .198 | .693 | 45.0 | 11.4 | 5.11 | 8.88 | 1 | pM | 0 |
| 26218 | | | .168 | .286 | .732 | 40.2 | 16.6 | 2.06 | 3.58 | 1 | pM | 0 |
| 26219 | 1573 | Bessarion A | .612 | .293 | .735 | 39.8 | 17.0 | 7.31 | 12.71 | 1 | pM | 0 |
| 26225 | | Bessarion G | .625 | .257 | .737 | 40.3 | 14.9 | 2.06 | 3.58 | 1 | pM | 0 |
| 26236 | | Bessarion H | .638 | .263 | .724 | 41.4 | 15.2 | 2.16 | 3.75 | 1 | pM | 0 |
| 26238 | 1574 | Bessarion B | .636 | .290 | .715 | 41.6 | 16.9 | 6.83 | 11.87 | 2 | pM | 0 |
| 26249 | | | .640 | .291 | .711 | 42.0 | 16.9 | 3.64 | 6.33 | 1 | pM | 0 |
| 26257 | 1575 | Bessarion C | .650 | .276 | .708 | 42.6 | 16.0 | 4.97 | 8.64 | 1 | pM | 0 |
| 26290 | | Marius F | .694 | .210 | .689 | 45.2 | 12.1 | 3.51 | 6.10 | 1 | pM | 0 |
| 26296 | | Marius BA | .697 | .260 | .668 | 46.2 | 15.1 | 2.02 | 3.51 | 2 | pM | 0 |
| 26323 | 1576 | Bessarion D | .626 | .338 | .703 | 41.7 | 19.8 | 5.26 | 9.14 | 1 | pM | 0 |
| 26326 | | Brayley K | .620 | .361 | .697 | 41.7 | 21.2 | 2.04 | 3.55 | 1 | pM | 0 |
| 26328 | | Aristarchus N | .628 | .387 | .675 | 42.9 | 22.8 | 1.76 | 3.06 | 1 | pM | 0 |
| 26335 | | Brayley L | .632 | .356 | .688 | 42.6 | 20.9 | 2.10 | 3.65 | 1 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26368 | 1763 | Aristarchus H | -.660 | +.383 | +.646 | -45.6 | +22.5 | 2.08 | 3.62 | 1 | pM | 0 |
| 26376 | 1762 | Aristarchus F | .674 | .369 | .640 | 46.5 | 21.7 | 10.29 | 17.89 | 3f | aM | 0 |
| 26377 | | | .671 | .370 | .643 | 46.2 | 21.7 | 3.53 | 6.14 | 3 | pM | 0 |
| 26382 | | Aristarchus S | .681 | .329 | .654 | 46.1 | 19.2 | 2.27 | 3.95 | 1 | pM | 0 |
| 26383 | | Aristarchus T | .682 | .336 | .650 | 46.4 | 19.6 | 2.04 | 3.55 | 1 | pM | 0 |
| 26405 | | | .604 | .454 | .655 | 42.7 | 27.0 | 28.44 | 49.43 | 5f | aM | 0 |
| 26405A | | | .601 | .451 | .660 | 42.3 | 26.8 | 2.26 | 3.93 | 1 | pM | 0 |
| 26414 | | Prinz A | .618 | .443 | .649 | 43.6 | 26.3 | 2.81 | 4.88 | 2 | pM | 0 |
| 26415 | | Prinz B | .611 | .451 | .651 | 43.2 | 26.8 | 3.25 | 5.65 | 2 | pM | 0 |
| 26418 | | Krieger D | .618 | .482 | .621 | 44.9 | 28.8 | 2.69 | 4.68 | 1 | pM | 0 |
| 26420 | 1761 | Aristarchus D | .622 | .401 | .673 | 42.8 | 23.6 | 2.72 | 4.73 | 1 | pM | 0 |
| 26423 | 1754A | Prinz | .628 | .430 | .649 | 44.1 | 25.5 | 29.82 | 51.83 | 4f | aM | 0 |
| 26426 | | Krieger C | .622 | .465 | .630 | 44.6 | 27.7 | 2.59 | 4.50 | 1 | pM | 0 |
| 26428 | 1738 | Krieger B | .626 | .481 | .614 | 45.6 | 28.8 | 5.45 | 9.47 | 1 | pM | 0 |
| 26428A | 1737A | Krieger | .624 | .485 | .613 | 45.5 | 29.0 | 12.68 | 22.04 | 3f | aM | 0 |
| 26453 | | | .655 | .439 | .615 | 46.8 | 26.0 | 2.26<br>3.05 | 3.93<br>5.30 | 3 | pM | 0 |
| 26454 | 1757 | Aristarchus B | .653 | .442 | .615 | 46.7 | 26.2 | 4.16 | 7.23 | 2 | pM | 0 |
| 26456 | 1758 | Aristarchus C | .651 | .468 | .598 | 47.4 | 27.9 | 4.37 | 7.60 | 1 | pM | 0 |
| 26457 | | Aristarchus CA | .655 | .474 | .588 | 48.1 | 28.3 | 3.17 | 5.51 | 1 | pM | 0 |
| 26463 | 1756 | Aristarchus A | .667 | .436 | .604 | 47.8 | 25.8 | 4.80 | 8.34 | 1 | pMC | 0 |
| 26463A | | | .663 | .435 | .609 | 47.4 | 25.8 | 3.64 | 6.33 | 3 | pMC | 0 |
| 26464 | | Aristarchus K | .663 | .444 | .603 | 47.7 | 26.4 | 16.72 | 29.06 | 4f | aMC | 0 |
| 26467 | | Aristarchus M | .667 | .475 | .574 | 49.3 | 28.4 | 13.48 | 23.43 | 4f | aMC | 0 |
| 26468 | | Aristarchus P | .667 | .488 | .563 | 49.8 | 29.2 | 2.64 | 4.59 | 2 | pM | 0 |
| 26470 | 1755 | Aristarchus | .676 | .402 | .618 | 47.6 | 23.7 | 26.05 | 45.28 | 1 | pMC | p |
| 26473 | 1763A | Aristarchus Z | .675 | .430 | .600 | 48.4 | 25.5 | 4.70 | 8.17 | 2 | C | 0 |
| 26479 | | Aristarchus R | .674 | .491 | .552 | 50.7 | 29.4 | 3.54 | 6.15 | 2 | pMC | 0 |
| 26485 | 1810 | Herodotus H | .684 | .450 | .574 | 50.0 | 26.7 | 3.46 | 6.01 | 2 | C | 0 |
| 26485A | | | .682 | .453 | .574 | 49.9 | 26.9 | 3.38 | 5.87 | 3 | C | 0 |
| 26488 | | Herodotus E | .682 | .488 | .545 | 51.4 | 29.2 | 21.66 | 37.65 | 4f | aMC | 0 |
| 26491 | | Herodotus G | .699 | .417 | .581 | 50.3 | 24.6 | 2.12 | 3.68 | 2 | C | 0 |
| 26491A | | | .690 | .414 | .594 | 49.3 | 24.5 | 4.39 | 7.63 | 3 | C | 0 |
| 26520 | 1736 | Wollaston | .629 | .508 | .588 | 46.9 | 30.5 | 5.85 | 10.17 | 1 | pM | 0 |
| 26524 | | Wollaston D | .629 | .546 | .553 | 48.7 | 33.1 | 3.11 | 5.41 | 1 | pM | 0 |
| 26562 | 1739 | Wollaston C | .667 | .526 | .528 | 51.7 | 31.7 | 5.60 | 9.73 | 1 | pM | 0 |
| 26581 | | Wollaston U | .683 | .514 | .519 | 52.8 | 30.9 | 1.96 | 3.41 | 2 | pM | 0 |
| 26591 | | Wollaston V | .694 | .512 | .506 | 53.9 | 30.8 | 2.00 | 3.48 | 2 | pM | 0 |
| 26604 | | Rümker H | .606 | .647 | .463 | 52.6 | 40.3 | 2.38 | 4.14 | 1 | pM | 0 |
| 26608 | | Rümker L | .609 | .689 | .393 | 57.2 | 43.6 | 1.93 | 3.35 | 2 | pM | 0 |
| 26617 | | Rümker K | .614 | .671 | .416 | 55.9 | 42.1 | 2.00 | 3.48 | 2 | pM | 0 |
| 26636 | 1878 | Rümker C | .634 | .663 | .398 | 57.9 | 41.5 | 2.76 | 4.80 | 3 | pM | 0 |
| 26649 | | Dechen B | .646 | .696 | .313 | 64.1 | 44.1 | 2.69 | 4.68 | 1 | pM | 0 |
| 26652 | 1880A | Rümker E | .655 | .623 | .428 | 56.9 | 38.5 | 3.85 | 6.69 | 1 | pM | 0 |
| 26657 | | Rümker S | .655 | .676 | .338 | 62.7 | 42.5 | 1.29 | 2.24 | 2 | pM | 0 |
| 26660 | | Rümker F | .669 | .604 | .433 | 57.1 | 37.2 | 3.04 | 5.28 | 1 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26667 | | Rümker T | -.666 | +.674 | +.320 | -64.4 | +42.4 | 1.70 | 2.95 | 2 | pM | 0 |
| 26677 | 1879 | Harding D | .677 | .680 | .282 | 67.4 | 42.8 | 4.04 | 7.02 | 1 | pM | 0 |
| 26678 | | | .671 | .683 | .289 | 66.7 | 43.1 | 2.10 | 3.65 | 1 | pM | 0 |
| 26685 | 1884 | Harding H | .682 | .652 | .331 | 64.1 | 40.7 | 3.60 | 6.26 | 1 | pM | 0 |
| 26688 | 1875 | Harding | .688 | .688 | .231 | 71.4 | 43.5 | 13.03 | 22.65 | 2 | pM | 0 |
| 26690 | 1877 | Naumann B | .691 | .607 | .393 | 60.4 | 37.4 | 5.98 | 10.39 | 1 | pM | 0 |
| 26702 | | Dechen D | .602 | .720 | .345 | 60.2 | 46.1 | 2.60 | 4.52 | 1 | pM | 0 |
| 26708 | 1722 | Repsold A | .601 | .786 | .145 | 76.4 | 51.8 | 4.71 | 8.19 | 1 | C | 0 |
| 26708A | | | .605 | .784 | .139 | 77.1 | 51.6 | 3.23 | 5.61 | 1 | C | 0 |
| 26709 | | Regnault D | .606 | .791 | .084 | 82.1 | 52.3 | 5.38 | 9.35 | 1 | C | 0 |
| 26709A | | Stokes | .609 | .793 | .016 | 88.5 | 52.5 | 28.87 | 50.18 | 4 | C | 0 |
| 26709B | | | .609 | .792 | .043 | 86.0 | 52.4 | 6.30 | 10.95 | 2 | C | 0 |
| 26709C | | | .604 | .797 | .000 | 90.0 | 52.8 | 4.50 | 7.82 | 1 | C | 0 |
| 26716 | 1725F | Repsold R | .614 | .764 | .198 | 72.1 | 49.8 | 6.99 | 12.15 | 1 | pM | 0 |
| 26716A | | | .618 | .764 | .185 | 73.3 | 49.8 | 2.67 | 4.64 | 2 | pM | 0 |
| 26717 | 1721 | Repsold | .612 | .779 | .136 | 77.4 | 51.2 | 61.37 | 106.67 | 4 | C | pp |
| 26717A | | | .616 | .776 | .136 | 77.6 | 50.9 | 2.94 | 5.11 | 2 | C | 0 |
| 26717B | | Repsold V | .611 | .775 | .161 | 75.2 | 50.8 | 4.13 | 7.18 | 1 | C | 0 |
| 26718 | 1725H | Repsold J | .618 | .784 | .058 | 84.6 | 51.6 | 11.55 | 20.08 | 1 | C | 0 |
| 26718A | 1725C | Repsold H | .612 | .784 | .104 | 80.4 | 51.6 | 7.00 | 12.17 | 1 | C | 0 |
| 26718B | | Regnault K | .614 | .788 | .045 | 85.8 | 52.0 | 9.58 | 16.65 | 1 | C | 0 |
| 26718C | | | .613 | .781 | .119 | 79.0 | 51.4 | 3.91 | 6.80 | 1 | C | 0 |
| 26718D | | | .618 | .786 | .017 | 88.4 | 51.8 | 4.34 | 7.54 | 1 | C | 0 |
| 26718E | | | .619 | .781 | .083 | 82.4 | 51.4 | 2.79 | 4.85 | 1 | C | 0 |
| 26718F | | | .613 | .786 | .080 | 82.5 | 51.8 | 2.89 | 5.02 | 2 | C | 0 |
| 26719 | | | .612 | .790 | .037 | 86.6 | 52.2 | 2.89 | 5.02 | 2 | C | 0 |
| 26724 | | | .629 | .743 | .229 | 70.0 | 48.0 | 2.63 | 4.57 | 2 | pM | 0 |
| 26725 | | | .627 | .758 | .180 | 74.0 | 49.3 | 2.59 | 4.50 | 2 | pM | 0 |
| 26725A | | | .629 | .756 | .181 | 73.9 | 49.1 | 2.84 | 4.94 | 2 | pM | 0 |
| 26725B | | | .626 | .753 | .203 | 72.1 | 48.9 | 2.16 | 3.75 | 2 | pM | 0 |
| 26726 | | Repsold U | .628 | .762 | .158 | 75.9 | 49.6 | 4.86 | 8.45 | 2 | C | 0 |
| 26727 | | Repsold G | .626 | .771 | .117 | 79.4 | 50.4 | 25.57 | 44.44 | 3 | C | pp |
| 26727A | | Langley | .627 | .778 | .040 | 86.4 | 51.1 | 22.75 | 39.54 | 3 | C | 0 |
| 26727B | | | .620 | .778 | .102 | 80.7 | 51.1 | 2.40 | 4.17 | 2 | C | 0 |
| 26728 | | | .620 | .784 | .031 | 87.2 | 51.6 | 3.90 | 6.78 | 1 | C | 0 |
| 26731 | | Dechen A | .632 | .718 | .292 | 65.2 | 45.9 | 2.94 | 5.11 | 1 | pM | 0 |
| 26735 | | Repsold C | .630 | .753 | .190 | 73.2 | 48.9 | 73.26 | 127.34 | 4f | aMC | 0 |
| 26736 | | | .630 | .769 | .108 | 80.2 | 50.3 | 4.45 | 7.73 | 1 | C | 0 |
| 26736A | | | .631 | .760 | .156 | 76.1 | 49.5 | 2.57 | 4.47 | 2 | C | 0 |
| 26737 | | | .633 | .774 | .015 | 88.6 | 50.7 | 10.64 | 18.49 | 1 | C | ? |
| 26737A | | | .637 | .770 | .036 | 86.7 | 50.4 | 5.12 | 8.90 | 2 | C | 0 |
| 26741 | 1728 | Dechen | .643 | .719 | .264 | 67.7 | 46.0 | 6.78 | 11.78 | 1 | pM | 0 |
| 26744 | | Repsold S | .649 | .740 | .177 | 74.8 | 47.7 | 5.27 | 9.16 | 1 | pM | 0 |
| 26744A | | | .649 | .746 | .149 | 77.0 | 48.2 | 3.69 | 6.41 | 1 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26745 | 1725E | Repsold N | -.641 | +.755 | +.138 | -77.8 | +49.0 | 7.58 | 13.18 | 2 | C | 0 |
| 26746 | 1726 | Galvani | .644 | .762 | .068 | 84.0 | 49.6 | 42.97 | 74.69 | 3 | C | p? |
| 26746A | | | .640 | .766 | .060 | 84.6 | 50.0 | 3.62 | 6.29 | 1 | C | 0 |
| 26751 | | Dechen C | .652 | .717 | .247 | 69.3 | 45.8 | 2.65 | 4.61 | 1 | pM | 0 |
| 26753 | | | .657 | .732 | .180 | 74.6 | 47.1 | 3.72 | 6.47 | 1 | pMC | 0 |
| 26754 | | | .655 | .740 | .153 | 76.9 | 47.7 | 5.04 | 8.76 | 2 | pMC | 0 |
| 26755 | | Galvani B | .650 | .759 | .038 | 86.7 | 49.4 | 4.01 | 6.97 | 1 | C | 0 |
| 26755A | | | .657 | .754 | .000 | 90.0 | 48.9 | 5.63 | 9.79 | 1 | C | 0 |
| 26763 | 1725G | Repsold T | .663 | .739 | .120 | 79.8 | 47.6 | 6.95 | 12.08 | 1 | C | p? |
| 26763A | | | .666 | .733 | .138 | 78.3 | 47.1 | 11.10 | 19.29 | 4 | C | p? |
| 26764 | | | .666 | .742 | .077 | 83.4 | 47.9 | 4.15 | 7.21 | 1 | C | 0 |
| 26773 | | | .677 | .734 | .054 | 85.4 | 47.2 | 4.20 | 7.30 | 2 | C | 0 |
| 26773A | | | .670 | .738 | .080 | 83.2 | 47.6 | 5.09 | 8.85 | 2 | C | 0 |
| 26774 | | Galvani D | .672 | .740 | .029 | 87.6 | 47.7 | 7.37 | 12.81 | 2 | C | 0 |
| 26780 | | | .685 | .706 | .180 | 75.3 | 44.9 | 2.05 | 3.56 | 2 | pM | 0 |
| 26781 | | Gerard C | .683 | .717 | .139 | 78.5 | 45.8 | 15.11 | 26.26 | 4f | aMC | 0 |
| 26782 | 1887 | Gerard B | .689 | .724 | .033 | 87.2 | 46.4 | 7.54 | 13.11 | 1 | C | 0 |
| 26782A | | Gerard Q (Outer) | .686 | .721 | .098 | 81.9 | 46.1 | 101.62 | 176.63 | 4 | C | 0 |
| 26782B | | Gerard Q (Inner) | .684 | .724 | .089 | 82.6 | 46.4 | 34.92 | 60.70 | 5 | C | pp |
| 26782C | | | .687 | .726 | .031 | 87.4 | 46.6 | 3.85 | 6.69 | 2 | C | 0 |
| 26782D | | Gerard D | .681 | .721 | .128 | 79.4 | 46.1 | 4.00 | 6.95 | 2 | pMC | 0 |
| 26783 | | Gerard J | .683 | .730 | .025 | 87.9 | 46.9 | 5.42 | 9.42 | 1 | C | 0 |
| 26790 | 1886 | Gerard A | .699 | .708 | .101 | 81.8 | 45.1 | 9.91 | 17.23 | 1 | C | 0 |
| 26790A | | | .696 | .700 | .160 | 77.1 | 44.4 | 3.90 | 6.78 | 2 | pM | 0 |
| 26791 | | | .698 | .716 | .012 | 89.0 | 45.7 | 15.42 | 26.80 | 3 | C | 0 |
| 27002 | 1837 | Suess F | .702 | .020 | .712 | 44.6 | 1.1 | 4.39 | 7.63 | 1 | pM | 0 |
| 27010 | | Suess FB | .714 | .003 | .700 | 45.6 | 0.2 | 2.07 | 3.60 | 1 | pM | 0 |
| 27016 | | Suess H | .714 | .069 | .697 | 45.7 | 4.0 | 2.20 | 3.82 | 1 | pM | 0 |
| 27028 | 1836 | Suess D | .723 | .081 | .686 | 46.5 | 4.6 | 3.96 | 6.88 | 1 | pM | 0 |
| 27028A | | | .720 | .083 | .689 | 46.3 | 4.8 | 2.29 | 3.98 | 2 | pM | 0 |
| 27037 | 1835A | Suess | .737 | .076 | .672 | 47.7 | 4.4 | 5.27 | 9.16 | 1 | pM | 0 |
| 27039 | 1834 | Suess B | .732 | .098 | .674 | 47.4 | 5.6 | 4.74 | 8.24 | 1 | pM | 0 |
| 27045 | | Suess G | .746 | .059 | .663 | 48.4 | 3.4 | 2.04 | 3.55 | 1 | pM | 0 |
| 27063 | 1838 | Reiner E | .761 | .032 | .648 | 49.6 | 1.8 | 2.53 | 4.40 | 1 | pM | 0 |
| 27072 | | Reiner Q | .775 | .024 | .632 | 50.8 | 1.4 | (2.15) | (3.74) | 2 | pM | 0 |
| 27073 | | Reiner S | .773 | .039 | .633 | 50.7 | 2.2 | 2.03 | 3.53 | 1 | pM | 0 |
| 27078 | 1833 | Reiner A | .778 | .089 | .622 | 51.4 | 5.1 | 5.82 | 10.12 | 1 | pM | 0 |
| 27080 | | Hermann E | .787 | .003 | .617 | 51.9 | 0.2 | 1.96 | 3.41 | 2 | pM | 0 |
| 27086 | 1835 | Reiner C | .780 | .061 | .623 | 51.4 | 3.5 | 4.13 | 7.18 | 1 | pM | 0 |
| 27086A | | Reiner T | .788 | .064 | .612 | 52.1 | 3.7 | (1.09) | (1.89) | 2 | pM | 0 |
| 27097 | | Reiner U | .791 | .071 | .608 | 52.5 | 4.1 | (1.24) | (2.16) | 2 | pM | 0 |
| 27108 | | Marius DA | .700 | .182 | .691 | 45.4 | 10.5 | 2.09 | 3.63 | 1 | pM | 0 |
| 27118 | | Marius J | .717 | .182 | .673 | 46.8 | 10.5 | (1.79) | (3.11) | 1 | pM | 0 |
| 27126 | | Marius U | .728 | .166 | .665 | 47.6 | 9.6 | (2.24) | (3.89) | 1 | pM | 0 |
| 27137 | | Marius V | .734 | .171 | .657 | 48.2 | 9.8 | (1.17) | (2.03) | 1 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27142 | | Suess J | -.743 | +.120 | +.658 | -48.5 | +6.9 | (1.39) | (2.42) | 1 | pM | 0 |
| 27156 | | Marius W | .752 | .163 | .639 | 49.7 | 9.4 | (1.17) | (2.03) | 1 | pM | 0 |
| 27159 | | Marius H | .755 | .196 | .626 | 50.3 | 11.3 | (2.87) | (4.99) | 2 | pMC | 0 |
| 27160 | | Suess L | .767 | .106 | .633 | 50.5 | 6.1 | 2.60 | 4.52 | 1 | pM | 0 |
| 27161 | | Suess K | .761 | .114 | .639 | 50.0 | 6.5 | (2.15) | (3.74) | 1 | pM | 0 |
| 27166 | | Marius K | .763 | .163 | .626 | 50.7 | 9.4 | (2.49) | (4.33) | 2 | pM | 0 |
| 27167 | | Marius Y | .763 | .170 | .624 | 50.7 | 9.8 | (1.66) | (2.89) | 2 | pM | 0 |
| 27192 | | Reiner P | .798 | .126 | .589 | 53.6 | 7.2 | 26.89 | 46.74 | 5f | aM | 0 |
| 27200 | | Marius DB | .707 | .202 | .678 | 46.2 | 11.7 | 2.81 | 4.88 | 1 | pM | 0 |
| 27201 | 1814 | Marius A | .702 | .218 | .678 | 46.0 | 12.6 | 9.32 | 16.20 | 1 | pM | 0 |
| 27208 | 1815 | Marius B | .705 | .281 | .651 | 47.3 | 16.3 | 6.67 | 11.59 | 1 | pM | 0 |
| 27213 | | Marius CB | .710 | .238 | .663 | 47.0 | 13.8 | 3.79 | 6.59 | 1 | pM | 0 |
| 27213A | | Marius CA | .719 | .233 | .655 | 47.7 | 13.5 | (1.66) | (2.89) | 1 | pM | 0 |
| 27214 | 1816 | Marius C | .716 | .241 | .655 | 47.5 | 13.9 | 6.97 | 12.11 | 1 | pM | 0 |
| 27215 | | Marius BB | .713 | .257 | .652 | 47.5 | 14.9 | 2.29 | 3.98 | 1 | pM | 0 |
| 27216 | | Marius BC | .719 | .265 | .643 | 48.2 | 15.4 | 2.27 | 3.95 | 1 | pM | 0 |
| 27243 | | Marius R | .747 | .235 | .622 | 50.2 | 13.6 | (3.33) | (5.79) | 2 | pM | 0 |
| 27250 | 1813 | Marius | .758 | .206 | .619 | 50.8 | 11.9 | 23.64 | 41.09 | 2f | aM | 0 |
| 27250A | | Marius G | .754 | .209 | .623 | 50.4 | 12.1 | 1.92 | 3.34 | 1 | pM | 0 |
| 27270 | 1818 | Marius E | .776 | .210 | .595 | 52.5 | 12.1 | 3.14 | 5.46 | 1 | pM | 0 |
| 27279 | | | .772 | .297 | .562 | 53.9 | 17.3 | 2.27 | 3.95 | 1 | pM | 0 |
| 27280 | | Marius EA | .788 | .209 | .579 | 53.7 | 12.1 | (1.58) | (2.75) | 1 | pMC | 0 |
| 27289 | | Marius M | .781 | .298 | .549 | 54.9 | 17.3 | 3.91 | 6.80 | 1 | pM | 0 |
| 27297 | | Marius L | .794 | .273 | .543 | 55.6 | 15.8 | 4.38 | 7.61 | 1 | pM | 0 |
| 27298 | | Marius LA | .796 | .284 | .535 | 56.1 | 16.5 | 3.28 | 5.70 | 1 | pM | 0 |
| 27303 | | Aristarchus U | .706 | .337 | .623 | 48.6 | 19.7 | 2.12 | 3.68 | 1 | pM | 0 |
| 27309 | 1786 | Herodotus | .701 | .394 | .594 | 49.7 | 23.2 | 20.00 | 34.76 | 2f | aMC | 0 |
| 27317 | | | .710 | .379 | .594 | 50.1 | 22.3 | 11.77<br>13.50 | 20.46<br>23.47 | 4 | aMC | 0 |
| 27336 | 1806 | Herodotus A | .734 | .366 | .572 | 52.1 | 21.5 | 5.64 | 9.80 | 1 | pM | 0 |
| 27340 | 1820 | Marius P | .742 | .307 | .596 | 51.2 | 17.9 | 2.44 | 4.24 | 1 | pM | 0 |
| 27357 | 1808 | Herodotus C | .759 | .373 | .534 | 54.9 | 21.9 | 2.91 | 5.06 | 1 | pM | 0 |
| 27358 | 1807 | Herodotus B | .759 | .383 | .527 | 55.3 | 22.5 | 3.39 | 5.89 | 1 | pM | 0 |
| 27372 | | Marius N | .772 | .320 | .549 | 54.6 | 18.7 | 2.52 | 4.38 | 1 | pM | 0 |
| 27389 | 1811 | Schiaparelli | .784 | .396 | .478 | 58.6 | 23.3 | 13.99 | 24.32 | 1 | pM | p |
| 27400 | | Herodotus N | .702 | .401 | .589 | 50.0 | 23.6 | 3.01 | 5.23 | 1 | C | 0 |
| 27411 | | Herodotus K | .716 | .414 | .562 | 51.9 | 24.5 | 2.84 | 4.94 | 2 | C | 0 |
| 27413 | | Herodotus L | .718 | .439 | .540 | 53.0 | 26.0 | 2.08 | 3.62 | 1 | C | 0 |
| 27415 | | Herodotus R | .718 | .458 | .524 | 53.9 | 27.3 | 2.34 | 4.07 | 2 | C | 0 |
| 27416 | | Herodotus T | .712 | .466 | .525 | 53.6 | 27.8 | 2.94 | 5.11 | 2 | C | 0 |
| 27416A | | Herodotus S | .710 | .463 | .531 | 53.2 | 27.6 | 2.46 | 4.28 | 2 | C | 0 |
| 27435 | 1809 | Herodotus D | .730 | .452 | .513 | 54.9 | 26.9 | 4.22 | 7.33 | 3 | C | 0 |
| 27435A | | | .731 | .451 | .512 | 55.0 | 26.8 | 3.42 | 5.94 | 3 | C | 0 |
| 27458 | 1868 | Lichtenberg A | .757 | .484 | .439 | 59.9 | 28.9 | 3.86 | 6.71 | 1 | pM | 0 |
| 27464 | | Schiaparelli B | .764 | .448 | .464 | 58.7 | 26.6 | 2.05 | 3.56 | 1 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27466 | | Schiaparelli D | -.764 | +.466 | +.446 | -59.7 | +27.8 | 3.08 | 5.35 | 1 | pM | 0 |
| 27485 | | Schiaparelli E | .785 | .456 | .419 | 61.9 | 27.1 | 3.03 | 5.27 | 1 | pM | 0 |
| 27488 | | | .781 | .481 | .398 | 63.0 | 28.8 | 2.42 | 4.21 | 1 | pM | 0 |
| 27488A | | | .782 | .486 | .390 | 63.5 | 29.1 | 2.42 | 4.21 | 1 | pM | 0 |
| 27493 | | Schiaparelli C | .795 | .435 | .423 | 62.0 | 25.8 | 3.42 | 5.94 | 1 | pM | 0 |
| 27510 | | Lichtenberg G | .717 | .510 | .475 | 56.5 | 30.7 | 2.44 | 4.24 | 1 | pM | 0 |
| 27517 | 1874 | Naumann | .719 | .578 | .386 | 61.8 | 35.3 | 5.50 | 9.56 | 1 | pM | 0 |
| 27522 | | Lichtenberg H | .729 | .521 | .444 | 58.7 | 31.4 | 2.71 | 4.71 | 1 | pM | 0 |
| 27525 | | Naumann G | .726 | .552 | .410 | 60.5 | 33.5 | 3.13 | 5.44 | 1 | pM | 0 |
| 27534 | 1869 | Lichtenberg B | .734 | .548 | .401 | 61.3 | 33.2 | 2.95 | 5.13 | 1 | pM | 0 |
| 27564 | | Lichtenberg F | .760 | .547 | .351 | 65.2 | 33.2 | 2.66 | 4.62 | 1 | pM | 0 |
| 27576 | | Lichtenberg R | .774 | .567 | .282 | 70.0 | 34.5 | 17.50 | 30.42 | 4f | aM | 0 |
| 27582 | 1867 | Lichtenberg | .785 | .527 | .326 | 67.5 | 31.8 | 11.93 | 20.74 | 2 | pM | ? |
| 27588 | 1891A | Lavoisier C | .789 | .584 | .191 | 76.4 | 35.7 | 17.66 | 30.70 | 3f | aMC | 0 |
| 27589 | | Lavoisier T | .780 | .595 | .194 | 76.0 | 36.5 | 5.91 | 10.27 | 4 | aM | 0 |
| 27589A | | | .783 | .592 | .191 | 76.3 | 36.3 | 5.31 | 9.23 | 4 | aM | 0 |
| 27599 | | Lavoisier W | .791 | .599 | .125 | 81.1 | 36.8 | 8.23 | 14.30 | 2 | C | 0 |
| 27608 | | Gerard L | .708 | .684 | .176 | 76.1 | 43.2 | 2.19 | 3.81 | 2 | pM | 0 |
| 27608A | | | .704 | .688 | .176 | 75.9 | 43.5 | 55.52 | 96.50 | 5f | aMC | 0 |
| 27609 | 1885 | Gerard | .705 | .697 | .131 | 79.5 | 44.2 | 42.43 | 73.75 | 4 | C | 0 |
| 27609A | | Gerard K | .702 | .693 | .164 | 76.8 | 43.9 | 3.40 | 5.91 | 1 | pM | 0 |
| 27609B | | | .702 | .690 | .176 | 75.9 | 43.6 | 56.36 | 97.96 | 4 | aMC | 0 |
| 27615 | | | .717 | .659 | .227 | 72.4 | 41.2 | 2.50 | 4.35 | 1 | pM | 0 |
| 27616 | | | .719 | .669 | .188 | 75.3 | 42.0 | 3.01 | 5.23 | 2 | C | 0 |
| 27616A | | | .719 | .667 | .195 | 74.8 | 41.8 | 2.88 | 5.01 | 2 | C | 0 |
| 27617 | | Harding C | .712 | .673 | .200 | 74.3 | 42.3 | 4.80 | 8.34 | 2 | pM | 0 |
| 27617A | | | .715 | .671 | .196 | 74.6 | 42.1 | 3.50 | 6.08 | 2 | pMC | 0 |
| 27619 | | Gerard F | .714 | .691 | .113 | 81.0 | 43.7 | 3.40 | 5.91 | 2 | C | 0 |
| 27619A | | | .717 | .697 | .010 | 89.2 | 44.2 | 9.48 | 16.48 | 1 | C | 0 |
| 27626 | | Harding B | .724 | .665 | .183 | 75.8 | 41.7 | 9.39 | 16.32 | 3f | C | 0 |
| 27626A | | | .721 | .666 | .191 | 75.1 | 41.8 | 3.74 | 6.50 | 1 | C | 0 |
| 27626B | | | .729 | .667 | .154 | 78.1 | 41.8 | 3.20 | 5.56 | 2 | C | 0 |
| 27629 | | | .722 | .691 | .035 | 87.2 | 43.7 | 4.91 | 8.53 | 2 | C | 0 |
| 27634 | 1876 | Harding A | .736 | .648 | .196 | 75.1 | 40.4 | 7.93 | 13.78 | 1 | pM | 0 |
| 27635 | 1891C | Lavoisier D | .737 | .656 | .163 | 77.5 | 41.0 | 35.57 | 61.83 | 3f | C | 0 |
| 27636 | | Lavoisier N | .737 | .667 | .109 | 81.6 | 41.8 | 14.41 | 25.05 | 3 | C | 0 |
| 27636A | | | .732 | .669 | .129 | 80.0 | 42.0 | 3.30 | 5.74 | 2 | C | 0 |
| 27641 | | | .741 | .617 | .265 | 70.3 | 38.1 | 2.50 | 4.35 | 2 | pM | 0 |
| 27641A | | | .742 | .617 | .262 | 70.5 | 38.1 | 2.40 | 4.17 | 2 | pM | 0 |
| 27643 | | Lavoisier K | .740 | .639 | .210 | 74.2 | 39.7 | 3.75 | 6.52 | 2 | pM | 0 |
| 27643A | | Lavoisier L | .742 | .639 | .203 | 74.7 | 39.7 | 3.68 | 6.40 | 2 | pM | 0 |
| 27644 | | Lavoisier M | .747 | .642 | .173 | 77.0 | 39.9 | 5.63 | 9.79 | 2 | pMC | 0 |
| 27645 | 1891B | Lavoisier E | .745 | .653 | .136 | 79.6 | 40.8 | 27.54 | 47.87 | 2 | C | p |
| 27646 | | Bunsen | .746 | .662 | .072 | 84.5 | 41.5 | 35.14 | 61.08 | 4 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27646A | | | -.745 | +.660 | +.097 | -82.6 | +41.3 | 9.02 | 15.68 | 3 | C | 0 |
| 27646B | | | .740 | .666 | .094 | 82.8 | 41.8 | 5.51 | 9.58 | 2 | C | 0 |
| 27646C | | | .744 | .667 | .040 | 86.9 | 41.8 | 4.01 | 6.97 | 2 | C | 0 |
| 27652 | | | .751 | .626 | .210 | 74.4 | 38.8 | 3.30 | 5.74 | 2 | pM | 0 |
| 27653 | 1891 | Lavoisier B | .756 | .640 | .137 | 79.7 | 39.8 | 14.15 | 24.59 | 2 | pMC | 0 |
| 27655 | | | .754 | .656 | .034 | 87.4 | 41.0 | 5.81 | 10.10 | 3 | C | 0 |
| 27660 | 1890 | Lavoisier A | .764 | .600 | .237 | 72.7 | 36.9 | 15.56 | 27.05 | 2 | pM | p |
| 27663 | | | .764 | .636 | .109 | 81.9 | 39.5 | 4.40 | 7.65 | 1 | C | 0 |
| 27664 | | | .761 | .644 | .078 | 84.1 | 40.1 | 4.01 | 6.97 | 2 | C | 0 |
| 27664A | | | .760 | .643 | .095 | 82.9 | 40.0 | 2.20 | 3.82 | 2 | C | 0 |
| 27671 | 1889 | Lavoisier | .776 | .617 | .131 | 80.4 | 38.1 | 39.11 | 67.98 | 3 | C | 0 |
| 27671A | | Lavoisier H | .772 | .615 | .161 | 78.2 | 38.0 | 15.94 | 27.71 | 3 | pMC | 0 |
| 27671B | | | .779 | .610 | .145 | 79.4 | 37.6 | 5.98 | 10.39 | 3 | C | 0 |
| 27672 | | Lavoisier S | .771 | .629 | .100 | 82.6 | 39.0 | 12.41 | 21.57 | 3 | C | 0 |
| 27672A | | | .772 | .623 | .126 | 80.7 | 38.5 | 3.30 | 5.74 | 2 | C | 0 |
| 27672B | | | .776 | .629 | .047 | 86.6 | 39.0 | 2.10 | 3.65 | 2 | C | 0 |
| 27673 | | | .771 | .636 | .033 | 87.6 | 39.5 | 7.54 | 13.11 | 2 | C | 0 |
| 27673A | | | .773 | .630 | .075 | 84.5 | 39.1 | 2.20 | 3.82 | 2 | C | 0 |
| 27680 | 1891D | Lavoisier F | .788 | .600 | .138 | 80.1 | 36.9 | 19.12 | 33.23 | 4 | C | 0 |
| 27680A | | | .788 | .602 | .129 | 80.7 | 37.0 | 7.07 | 12.29 | 3 | C | 0 |
| 27680B | | | .788 | .606 | .109 | 82.1 | 37.3 | 3.90 | 6.78 | 2 | C | 0 |
| 27681 | | | .789 | .612 | .054 | 86.1 | 37.7 | 4.99 | 8.67 | 1 | C | 0 |
| 27681A | | | .782 | .618 | .081 | 84.1 | 38.2 | 4.91 | 8.53 | 2 | C | 0 |
| 27690 | 1891E | Lavoisier G | .793 | .605 | .072 | 84.8 | 37.2 | 9.66 | 16.79 | 1 | C | 0 |
| 27690A | | Lavoisier X | .798 | .602 | .028 | 88.0 | 37.0 | 11.30 | 19.64 | 3 | C | 0 |
| 27690B | | | .793 | .607 | .052 | 86.2 | 37.4 | 10.54 | 18.32 | 2 | C | 0 |
| 27700 | | Gerard E | .703 | .700 | .126 | 79.9 | 44.4 | 2.80 | 4.87 | 2 | C | 0 |
| 27700A | | | .707 | .706 | .041 | 86.6 | 44.9 | 3.40 | 5.91 | 2 | C | 0 |
| 27701 | | Gerard G | .700 | .713 | .040 | 86.7 | 45.5 | 15.11 | 26.26 | 3 | C | 0 |
| 27701A | | Gerard H | .702 | .710 | .056 | 85.5 | 45.2 | 4.00 | 6.95 | 2 | C | 0 |
| 27701B | | | .704 | .710 | .017 | 88.6 | 45.2 | 4.86 | 8.45 | 1 | C | 0 |
| 28015 | 1839 | Reiner G | .810 | .055 | .584 | 54.2 | 3.2 | 1.96 | 3.41 | 1 | pM | 0 |
| 28020 | | Hermann R | .826 | .009 | .564 | 55.7 | 0.5 | 1.53 | 2.66 | 1 | pM | 0 |
| 28021 | | Hermann S | .824 | .016 | .566 | 55.5 | 0.9 | 1.92 | 3.34 | 1 | pM | 0 |
| 28022 | | Hermann F | .824 | .021 | .566 | 55.5 | 1.2 | 2.55 | 4.43 | 1 | pM | 0 |
| 28026 | | Reiner R | .822 | .062 | .566 | 55.4 | 3.6 | 25.75 | 44.76 | 5f | aM | 0 |
| 28040 | 1986 | Hermann A | .849 | .007 | .528 | 58.1 | 0.4 | 2.26 | 3.93 | 1 | pM | 0 |
| 28044 | | Hermann J | .842 | .045 | .538 | 57.4 | 2.6 | 2.18 | 3.79 | 1 | pM | 0 |
| 28049 | | Reiner N | .840 | .093 | .535 | 57.5 | 5.3 | 2.14 | 3.72 | 1 | pM | 0 |
| 28054 | | Hermann K | .850 | .043 | .525 | 58.3 | 2.5 | 1.69 | 2.94 | 1 | pM | 0 |
| 28054A | | Hermann L | .858 | .042 | .512 | 59.2 | 2.4 | (1.30) | (2.26) | 2 | pM | 0 |
| 28075 | 1960 | Hevelius D | .872 | .053 | .487 | 60.8 | 3.0 | 4.05 | 7.04 | 1 | pM | 0 |
| 28081 | | Hermann H | .881 | .014 | .473 | 61.8 | 0.8 | 1.84 | 3.20 | 1 | pM | 0 |
| 28103 | | Reiner L | .806 | .139 | .575 | 54.5 | 8.0 | 2.91 | 5.06 | 1 | pM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28104 | | Reiner K | -.800 | +.141 | +.583 | -53.9 | + 8.1 | 1.29 | 2.24 | 1 | pM | 0 |
| 28105 | 1839A | Reiner H | .805 | .158 | .572 | 54.6 | 9.1 | 4.52 | 7.86 | 1 | pM | 0 |
| 28106 | | Marius X | .806 | .169 | .567 | 54.9 | 9.7 | 2.89 | 5.02 | 1 | pM | 0 |
| 28112 | 1832 | Reiner | .812 | .120 | .571 | 54.9 | 6.9 | 17.20 | 29.90 | 1 | pM | P |
| 28125 | | Reiner M | .820 | .150 | .552 | 56.0 | 8.6 | 1.91 | 3.32 | 1 | pM | 0 |
| 28178 | 1843 | Galilaei | .874 | .182 | .451 | 62.7 | 10.5 | 8.91 | 15.49 | 1 | pM | 0 |
| 28194 | | Cavalerius F | .899 | .141 | .415 | 65.2 | 8.1 | 4.16 | 7.23 | 2 | pM | 0 |
| 28239 | | Galilaei V | .830 | .293 | .475 | 60.2 | 17.0 | 1.99 | 3.46 | 1 | pM | 0 |
| 28247 | | Galilaei T | .843 | .278 | .461 | 61.4 | 16.1 | 2.19 | 3.81 | 1 | pM | 0 |
| 28254 | 1846B | Galilaei E | .856 | .240 | .458 | 61.9 | 13.9 | 4.49 | 7.80 | 1 | pM | 0 |
| 28262 | | Galilaei K | .866 | .223 | .448 | 62.7 | 12.9 | (1.50) | (2.61) | 1 | pM | 0 |
| 28262A | | Galilaei J | .860 | .224 | .459 | 61.9 | 12.9 | (2.00) | (3.48) | 1 | pM | 0 |
| 28269 | | Krafft U | .863 | .296 | .409 | 64.6 | 17.2 | 1.99 | 3.46 | 1 | pM | 0 |
| 28270 | 1844 | Galilaei A | .872 | .203 | .445 | 62.9 | 11.7 | 6.44 | 11.19 | 1 | pM | 0 |
| 28276 | | Galilaei S | .871 | .266 | .413 | 64.6 | 15.4 | 1.89 | 3.29 | 1 | pM | 0 |
| 28291 | | Galilaei G | .898 | .219 | .382 | 67.0 | 12.7 | (1.10) | (1.91) | 1 | pM | 0 |
| 28291A | | Galilaei F | .894 | .213 | .394 | 66.2 | 12.3 | (1.00) | (1.74) | 1 | pM | 0 |
| 28307 | 1850 | Seleucus A | .806 | .375 | .458 | 60.4 | 22.0 | 4.36 | 7.58 | 1 | pM | 0 |
| 28319 | 1812 | Schiaparelli A | .813 | .390 | .432 | 62.0 | 23.0 | 4.14 | 7.20 | 1 | pM | 0 |
| 28320 | | Galilaei W | .828 | .306 | .470 | 60.4 | 17.8 | 2.26 | 3.93 | 1 | pM | 0 |
| 28328 | (1856) | Seleucus E | .829 | .380 | .410 | 63.7 | 22.3 | 1.93 | 3.35 | 2 | pM | 0 |
| 28355 | 1849 | Seleucus | .856 | .360 | .371 | 66.5 | 21.1 | 24.92 | 43.31 | 2 | pM | p |
| 28379 | (1904) | Struve K | .877 | .398 | .269 | 72.9 | 23.5 | 3.34 | 5.81 | 2 | C | 0 |
| 28385 | | Eddington P | .882 | .358 | .306 | 70.8 | 21.0 | 6.76 | 11.75 | 4f | aM | 0 |
| 28386 | (1902) | Eddington | .883 | .367 | .293 | 71.7 | 21.5 | 77.13 | 134.06 | 4f | aM | 0 |
| 28388 | 1905 | Struve F | .886 | .383 | .261 | 73.6 | 22.5 | 5.46 | 9.49 | 1 | pMC | 0 |
| 28388A | | | .889 | .382 | .252 | 74.1 | 22.5 | 5.09 | 8.85 | 2 | pMC | 0 |
| 28389 | | Struve M | .888 | .395 | .235 | 75.2 | 23.3 | 7.79 | 13.54 | 1 | pM | 0 |
| 28398 | 1902A | Struve C | .891 | .389 | .234 | 75.3 | 22.9 | 5.82 | 10.12 | 1 | pM | 0 |
| 28398A | 1901 | Struve | .896 | .388 | .216 | 76.4 | 22.8 | 105.49 | 183.36 | 4f | aM | 0 |
| 28432 | 1862 | Briggs C | .832 | .422 | .360 | 66.6 | 25.0 | 3.43 | 5.96 | 1 | pM | 0 |
| 28434 | 1859 | Briggs | .835 | .445 | .324 | 68.8 | 26.4 | 22.22 | 38.62 | 2 | pM | pp |
| 28437 | 1861 | Briggs B | .832 | .471 | .293 | 70.6 | 28.1 | 14.18 | 24.65 | 1 | pM | 0 |
| 28439 | | | .836 | .498 | .230 | 74.6 | 29.9 | 3.34 | 5.81 | 2 | pM | 0 |
| 28447 | (1902B) | Russell E | .845 | .480 | .236 | 74.4 | 28.7 | 5.27 | 9.16 | 2 | pMC | 0 |
| 28448 | | Russell R | .847 | .482 | .224 | 75.2 | 28.8 | 20.77 | 36.10 | 4f | aM | 0 |
| 28449 | | Russell S | .848 | .490 | .202 | 76.6 | 29.3 | 15.04 | 26.14 | 4f | aM | 0 |
| 28455 | 1860 | Briggs A | .854 | .457 | .249 | 73.8 | 27.2 | 13.78 | 23.95 | 2 | pM | 0 |
| 28457 | | Russell F | .858 | .470 | .207 | 76.4 | 28.0 | 4.06 | 7.06 | 2 | C | 0 |
| 28457A | | | .859 | .474 | .194 | 77.3 | 28.3 | 4.68 | 8.13 | 2 | pM | 0 |
| 28462 | 1903 | Struve D | .867 | .428 | .255 | 73.6 | 25.3 | 5.67 | 9.86 | 1 | C | 0 |
| 28464 | | Russell | .864 | .449 | .228 | 75.2 | 26.7 | 57.01 | 99.09 | 4f | aM | 0 |
| 28470 | 1906 | Struve G | .879 | .405 | .252 | 74.0 | 23.9 | 7.28 | 12.65 | 1 | pMC | 0 |
| 28474 | | Russell B | .876 | .444 | .188 | 77.9 | 26.4 | 11.14 | 19.36 | 3f | aM | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28477 | | Russell K | -.872 | +.479 | +.101 | -83.4 | +28.6 | 22.88 | 39.77 | 3 | C | 0 |
| 28477A | | | .870 | .476 | .129 | 81.6 | 28.4 | 3.85 | 6.69 | 2 | pM | 0 |
| 28478 | | | .871 | .485 | .078 | 84.9 | 29.0 | 5.37 | 9.33 | 3 | C | 0 |
| 28486 | | | .882 | .468 | .055 | 86.4 | 27.9 | 26.83 | 46.63 | 2 | C | ? |
| 28486A | | | .884 | .463 | .065 | 85.8 | 27.6 | 9.52 | 16.55 | 2 | C | ? |
| 28492 | 1906A | Struve H | .898 | .426 | .110 | 83.0 | 25.2 | 11.17 | 19.42 | 1 | pMC | 0 |
| 28506 | | | .806 | .565 | .176 | 77.7 | 34.4 | 20.50 | 35.63 | 4f | aMC | 0 |
| 28506A | | | .803 | .567 | .184 | 77.1 | 34.5 | 2.60 | 4.52 | 2 | pMC | 0 |
| 28508 | | Lavoisier Z | .806 | .589 | .059 | 85.8 | 36.1 | 6.01 | 10.45 | 1 | C | 0 |
| 28508A | | Ulugh Beigh M | .806 | .583 | .102 | 82.8 | 35.7 | 4.40 | 7.65 | 1 | C | 0 |
| 28515 | 1897 | Ulugh Beigh A | .814 | .559 | .158 | 79.0 | 34.0 | 21.77 | 37.84 | 3f | C | 0 |
| 28517 | | Ulugh Beigh K | .817 | .575 | .043 | 87.0 | 35.1 | 7.02 | 12.20 | 1 | C | 0 |
| 28517A | | | .814 | .572 | .101 | 82.9 | 34.9 | 3.00 | 5.21 | 2 | C | 0 |
| 28517B | | | .817 | .573 | .065 | 85.5 | 35.0 | 4.00 | 6.95 | 2 | C | 0 |
| 28517C | | | .816 | .573 | .076 | 84.7 | 35.0 | 2.60 | 4.52 | 2 | C | 0 |
| 28518 | | Lavoisier Y | .811 | .584 | .035 | 87.5 | 35.7 | 9.06 | 15.75 | 2 | C | ? |
| 28518A | | Ulugh Beigh L | .812 | .581 | .056 | 86.1 | 35.5 | 4.71 | 8.19 | 1 | C | 0 |
| 28524 | | Ulugh Beigh B | .825 | .541 | .163 | 78.8 | 32.8 | 3.97 | 6.90 | 1 | pM | 0 |
| 28525 | | | .820 | .553 | .148 | 79.8 | 33.6 | 8.10 | 14.08 | 4f | C | 0 |
| 28526 | | | .825 | .562 | .059 | 85.9 | 34.2 | 6.41 | 11.14 | 2 | C | 0 |
| 28532 | 1896A | Ulugh Beigh C | .837 | .521 | .167 | 78.7 | 31.4 | 17.67 | 30.71 | 3f | aMC | 0 |
| 28533 | 1896 | Ulugh Beigh | .832 | .540 | .127 | 81.3 | 32.7 | 32.52 | 56.52 | 3f | C | 0 |
| 28534 | (1897A) | Aston | .839 | .540 | .067 | 85.4 | 32.7 | 24.03 | 41.77 | 2 | C | ? |
| 28542 | | Ulugh Beigh D | .844 | .522 | .123 | 81.7 | 31.5 | 11.57 | 20.11 | 2 | C | 0 |
| 29015 | | Hevelius E | .911 | .051 | .409 | 65.8 | 2.9 | 5.07 | 8.81 | 2 | C | 0 |
| 29015A | | Hevelius C | .916 | .056 | .397 | 66.6 | 3.2 | 3.97 | 6.90 | 2 | C | 0 |
| 29015B | | Hevelius G | .916 | .050 | .398 | 66.5 | 2.9 | (2.66) | (4.62) | 2 | C | 0 |
| 29018 | 1937 | Cavalerius | .916 | .089 | .391 | 66.9 | 5.1 | 36.76 | 63.89 | 2 | pMC | pp |
| 29023 | 1944 | Hevelius | .923 | .038 | .383 | 67.5 | 2.2 | 67.82 | 117.88 | 3 | pMC | P |
| 29024 | 1959 | Hevelius A | .927 | .049 | .372 | 68.1 | 2.8 | 7.84 | 13.63 | 1 | C | 0 |
| 29031 | | Hevelius J | .939 | .013 | .344 | 69.9 | 0.7 | 7.39 | 12.84 | 3 | C | 0 |
| 29032 | 1960A | Hevelius B | .933 | .022 | .359 | 68.9 | 1.3 | 7.69 | 13.37 | 2 | C | 0 |
| 29033 | | Hevelius F | .932 | .036 | .361 | 68.8 | 2.1 | 4.86 | 8.45 | 3 | C | 0 |
| 29034 | | Hevelius H | .934 | .042 | .355 | 69.2 | 2.4 | 3.37 | 5.86 | 2 | C | 0 |
| 29037 | 1938 | Cavalerius A | .934 | .078 | .349 | 69.5 | 4.5 | 7.76 | 13.49 | 2 | C | 0 |
| 29041 | | | .944 | .010 | .330 | 70.7 | 0.6 | 2.39 | 4.15 | 1 | C | 0 |
| 29042 | | Hevelius K | .940 | .027 | .340 | 70.1 | 1.5 | 3.30 | 5.74 | 2 | C | 0 |
| 29043 | | Hevelius L | .942 | .035 | .334 | 70.5 | 2.0 | 3.92 | 6.81 | 2 | C | 0 |
| 29048 | | Hedin L | .944 | .089 | .318 | 71.4 | 5.1 | 5.90 | 10.26 | 1 | C | 0 |
| 29048A | | Hedin N | .946 | .086 | .313 | 71.7 | 4.9 | 14.04 | 24.40 | 3 | C | 0 |
| 29049 | | | .947 | .099 | .306 | 72.1 | 5.7 | 3.98 | 6.92 | 2 | C | 0 |
| 29050 | 1967 | Riccioli C | .957 | .009 | .290 | 73.1 | 0.5 | 18.00 | 31.29 | 2 | C | 0 |
| 29051 | | Riccioli CA | .956 | .010 | .293 | 72.9 | 0.6 | 8.05 | 13.99 | 1 | C | 0 |
| 29053 | | | .952 | .034 | .304 | 72.3 | 1.9 | 11.37 | 19.76 | 3 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29055 | | Hedin H | -.951 | +.053 | +.305 | -72.2 | + 3.0 | 6.57 | 11.42 | 2 | C | 0 |
| 29055A | | Hedin K | .956 | .050 | .289 | 73.2 | 2.9 | 4.83 | 8.40 | 2 | C | 0 |
| 29056 | | Hedin G | .956 | .066 | .286 | 73.4 | 3.8 | 7.88 | 13.70 | 1 | C | 0 |
| 29056A | | | .953 | .069 | .295 | 72.8 | 4.0 | 9.14 | 15.89 | 4 | C | 0 |
| 29057 | | Hedin T | .953 | .073 | .294 | 72.9 | 4.2 | 5.36 | 9.32 | 3 | C | 0 |
| 29058 | | Hedin M | .952 | .088 | .293 | 72.9 | 5.0 | 14.41 | 25.05 | 3 | C | 0 |
| 29059 | | Hedin V | .956 | .091 | .279 | 73.7 | 5.2 | 4.90 | 8.52 | 3 | C | 0 |
| 29061 | 1966 | Riccioli H | .966 | .019 | .258 | 75.1 | 1.1 | 10.11 | 17.57 | 1 | C | 0 |
| 29066 | (1931A) | Hedin F | .961 | .070 | .268 | 74.4 | 4.0 | 10.64 | 18.49 | 1 | C | 0 |
| 29069 | | Hedin S | .961 | .099 | .258 | 75.0 | 5.7 | 4.72 | 8.20 | 2 | C | 0 |
| 29069A | | Hedin R | .967 | .091 | .238 | 76.2 | 5.2 | 4.23 | 7.35 | 2 | C | 0 |
| 29075 | (1931) | Hedin | .972 | .054 | .229 | 76.8 | 3.1 | 82.50 | 143.40 | 5 | C | pp |
| 29079 | | Hedin A | .974 | .095 | .206 | 78.1 | 5.5 | 36.43 | 63.32 | 4 | C | 0 |
| 29080 | | Riccioli M | .986 | .006 | .167 | 80.4 | 0.3 | 17.62 | 30.63 | 3 | C | 0 |
| 29083 | | Hedin Z | .981 | .033 | .191 | 79.0 | 1.9 | 4.43 | 7.70 | 1 | C | 0 |
| 29089 | | | .989 | .099 | .110 | 83.7 | 5.7 | 27.39 | 47.61 | 5 | C | 0 |
| 29090 | | Riccioli P | .991 | .007 | .134 | 82.3 | 0.4 | 15.46 | 26.87 | 4 | C | 0 |
| 29090A | | Riccioli N | .995 | .001 | .100 | 84.3 | 0.1 | 10.84 | 18.84 | 2 | C | 0 |
| 29095 | | | .991 | .059 | .120 | 83.1 | 3.4 | 8.12 | 14.11 | 3 | C | 0 |
| 29096 | | | .993 | .063 | .100 | 84.3 | 3.6 | 13.79 | 23.97 | 4 | C | ? |
| 29106 | | Cavalerius X | .906 | .160 | .392 | 66.6 | 9.2 | 1.49 | 2.59 | 1 | pM | 0 |
| 29107 | | Cavalerius U | .909 | .175 | .378 | 67.4 | 10.1 | 2.69 | 4.68 | 1 | pMC | 0 |
| 29109 | 1845 | Galilaei B | .906 | .198 | .374 | 67.6 | 11.4 | 8.56 | 14.88 | 2f | M | 0 |
| 29112 | | Cavalerius W | .916 | .120 | .383 | 67.3 | 6.9 | 2.78 | 4.83 | 2 | C | 0 |
| 29115 | | Cavalerius D | .919 | .152 | .364 | 68.4 | 8.7 | 26.22 | 45.57 | 4 | C | pp |
| 29118 | | | .913 | .187 | .363 | 68.3 | 10.8 | 18.07 | 31.41 | 4f | aMC | 0 |
| 29119 | | Cavalerius Z | .919 | .191 | .345 | 69.4 | 11.0 | (1.84) | (3.20) | 2 | pM | 0 |
| 29122 | | | .928 | .129 | .350 | 69.4 | 7.4 | 18.87 | 32.80 | 5f | C | 0 |
| 29125 | | Cavalerius G | .925 | .159 | .345 | 69.5 | 9.1 | 7.83 | 13.61 | 3 | C | 0 |
| 29127 | | Cavalerius K | .920 | .178 | .349 | 69.2 | 10.3 | 5.54 | 9.63 | 2 | M | 0 |
| 29128 | | Cavalerius L | .924 | .181 | .337 | 70.0 | 10.4 | 4.80 | 8.34 | 1 | pM | 0 |
| 29128A | | Cavalerius Y | .922 | .186 | .340 | 69.8 | 10.7 | (2.17) | (3.77) | 1 | pM | 0 |
| 29130 | 1939A | Cavalerius C | .930 | .101 | .353 | 69.2 | 5.8 | 4.55 | 7.91 | 1 | C | 0 |
| 29130A | | | .938 | .100 | .332 | 70.5 | 5.7 | 5.06 | 8.80 | 2 | C | 0 |
| 29133 | | Cavalerius E | .930 | .133 | .343 | 69.8 | 7.6 | 6.26 | 10.88 | 3 | C | 0 |
| 29133A | | | .938 | .139 | .318 | 71.3 | 8.0 | 7.45 | 12.95 | 3 | C | 0 |
| 29133B | | | .935 | .136 | .328 | 70.7 | 7.8 | 2.78 | 4.83 | 1 | C | 0 |
| 29137 | | Cavalerius M | .933 | .179 | .312 | 71.5 | 10.3 | 5.00 | 8.69 | 2 | pM | 0 |
| 29140 | 1939 | Cavalerius B | .941 | .103 | .322 | 71.1 | 5.9 | 22.35 | 38.85 | 3f | C | 0 |
| 29145 | | Olbers V | .944 | .157 | .290 | 72.9 | 9.0 | 2.91 | 5.06 | 2 | C | 0 |
| 29149 | | Cardanus B | .941 | .198 | .274 | 73.7 | 11.4 | 6.71 | 11.66 | 2 | M | 0 |
| 29149A | | Cardanus G | .946 | .199 | .256 | 74.9 | 11.5 | 4.44 | 7.72 | 1 | pM | 0 |
| 29151 | 1929 | Olbers B | .955 | .118 | .272 | 74.1 | 6.8 | 8.80 | 15.30 | 1 | C | 0 |
| 29152 | | | .957 | .127 | .261 | 74.8 | 7.3 | 5.71 | 9.92 | 2 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29152A | | | -.958 | +.123 | +.259 | -74.9 | + 7.1 | 4.42 | 7.68 | 2 | C | 0 |
| 29154 | | Olbers G | .953 | .146 | .265 | 74.4 | 8.4 | 4.59 | 7.98 | 1 | C | 0 |
| 29155 | | Olbers H | .952 | .150 | .267 | 74.3 | 8.6 | 4.08 | 7.09 | 2 | C | 0 |
| 29159 | 1916A | Cardanus C | .952 | .196 | .235 | 76.1 | 11.3 | 7.24 | 12.58 | 1 | pMC | 0 |
| 29159A | | | .957 | .195 | .215 | 77.4 | 11.2 | 3.15 | 5.48 | 2 | pMC | 0 |
| 29159B | | | .959 | .199 | .202 | 78.1 | 11.5 | 7.38 | 12.83 | 4 | C | 0 |
| 29161 | | Olbers S | .966 | .117 | .231 | 76.6 | 6.7 | 11.82 | 20.54 | 4 | C | 0 |
| 29162 | 1927 | Olbers | .962 | .124 | .243 | 75.8 | 7.1 | 40.85 | 71.00 | 3f | C | 0 |
| 29164 | 1928 | Olbers A | .967 | .141 | .212 | 77.6 | 8.1 | 24.46 | 42.52 | 1 | C | 0 |
| 29165 | | | .965 | .157 | .210 | 77.7 | 9.0 | 9.84 | 17.10 | 4 | C | 0 |
| 29167 | 1930 | Olbers D | .962 | .178 | .207 | 77.9 | 10.3 | 48.25 | 83.87 | 4f | aMC | 0 |
| 29167A | | | .968 | .172 | .183 | 79.3 | 9.9 | 19.70 | 34.24 | 4 | aMC | ? |
| 29169 | | | .964 | .198 | .177 | 79.6 | 11.4 | 5.32 | 9.25 | 3 | C | 0 |
| 29169A | | | .962 | .190 | .196 | 78.5 | 11.0 | 3.84 | 6.67 | 2 | C | 0 |
| 29171 | | Olbers K | .972 | .118 | .203 | 78.2 | 6.8 | 12.21 | 21.22 | 3 | C | 0 |
| 29171A | | | .971 | .110 | .212 | 77.7 | 6.3 | 5.32 | 9.25 | 3 | C | 0 |
| 29172 | | Olbers L | .975 | .128 | .182 | 79.4 | 7.4 | 18.22 | 31.67 | 4 | C | 0 |
| 29173 | | Olbers M | .977 | .139 | .162 | 80.6 | 8.0 | 23.54 | 40.92 | 4 | C | 0 |
| 29173A | | | .973 | .137 | .186 | 79.2 | 7.9 | 6.69 | 11.63 | 2 | C | 0 |
| 29175 | | Olbers N | .971 | .156 | .181 | 79.4 | 9.0 | 12.01 | 20.88 | 2 | C | 0 |
| 29177 | | Vasco da Gama R | .978 | .172 | .118 | 83.1 | 9.9 | 32.19 | 55.95 | 3 | C | R |
| 29180 | | Olbers W | .983 | .102 | .153 | 81.2 | 5.9 | 6.90 | 11.99 | 1 | C | 0 |
| 29181 | | | .986 | .114 | .122 | 83.0 | 6.5 | 7.79 | 13.54 | 3 | C | 0 |
| 29186 | | | .980 | .168 | .107 | 83.8 | 9.7 | 4.93 | 8.57 | 2 | C | 0 |
| 29210 | | Galilaei H | .913 | .200 | .356 | 68.7 | 11.5 | 2.91 | 5.06 | 1 | pM | 0 |
| 29217 | 1915A | Krafft E | .913 | .275 | .301 | 71.7 | 16.0 | 5.21 | 9.06 | 1 | pM | 0 |
| 29218 | 1909 | Krafft | .915 | .285 | .286 | 72.7 | 16.6 | 29.52 | 51.31 | 2f | M | 0 |
| 29218A | 1912 | Krafft C | .913 | .282 | .295 | 72.1 | 16.4 | 6.75 | 11.73 | 1 | pMC | 0 |
| 29222 | 1916 | Cardanus | .928 | .229 | .294 | 72.4 | 13.2 | 28.47 | 49.49 | 1 | pM | 0 |
| 29222A | | Cardanus E | .920 | .222 | .323 | 70.7 | 12.8 | 2.57 | 4.47 | 1 | pM | 0 |
| 29226 | 1913 | Krafft D | .924 | .261 | .279 | 73.2 | 15.1 | 6.70 | 11.65 | 1 | pM | 0 |
| 29228 | | Krafft K | .924 | .284 | .256 | 74.5 | 16.5 | 5.77 | 10.03 | 3 | aM | 0 |
| 29231 | | Cardanus R | .935 | .213 | .284 | 73.1 | 12.3 | 8.03 | 13.96 | 4f | aM | 0 |
| 29237 | | Krafft L | .934 | .276 | .227 | 76.3 | 16.0 | 11.36 | 19.75 | 4f | aM | 0 |
| 29239 | 1915B | Krafft H | .934 | .292 | .206 | 77.6 | 17.0 | 7.25 | 12.60 | 3 | pMC | 0 |
| 29244 | | Cardanus K | .944 | .245 | .221 | 76.8 | 14.2 | 4.04 | 7.02 | 2 | pM | 0 |
| 29245 | | Cardanus M | .942 | .258 | .215 | 77.2 | 15.0 | 4.62 | 8.03 | 2 | pM | 0 |
| 29245A | | | .943 | .250 | .220 | 76.9 | 14.5 | 3.68 | 6.40 | 2 | pM | 0 |
| 29247 | | | .949 | .274 | .156 | 80.7 | 15.9 | 11.37 | 19.76 | 3 | pMC | 0 |
| 29249 | (1910) | Balboa A | .944 | .299 | .140 | 81.6 | 17.4 | 26.92 | 46.79 | 1 | C | p |
| 29250 | | | .950 | .202 | .238 | 75.9 | 11.7 | 6.30 | 10.95 | 3 | pMC | 0 |
| 29251 | | | .954 | .216 | .208 | 77.7 | 12.5 | 5.42 | 9.42 | 2 | C | 0 |
| 29254 | | Vasco da Gama F | .957 | .240 | .163 | 80.3 | 13.9 | 30.53 | 53.07 | 3 | C | 0 |
| 29254A | | | .959 | .242 | .147 | 81.3 | 14.0 | 9.06 | 15.75 | 3 | C | 0 |

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 29256 | | | -.951 | +.267 | +.156 | -80.7 | +15.5 | 4.07 | 7.07 | 1 | C | 0 |
| 29257 | 1924 | Vasco da Gama B | .956 | .270 | .115 | 83.2 | 15.7 | 15.44 | 26.84 | 1 | C | 0 |
| 29257A | | | .954 | .278 | .112 | 83.3 | 16.1 | 6.28 | 10.92 | 1 | C | 0 |
| 29258 | | Einstein | .957 | .286 | .049 | 87.1 | 16.6 | 109.00 | 189.46 | 3 | C | 0 |
| 29258A | | Einstein A | .956 | .289 | .050 | 87.0 | 16.8 | 26.79 | 46.57 | 2 | C | ? |
| 29259 | | Dalton | .951 | .294 | .096 | 84.3 | 17.1 | 33.40 | 58.05 | 2 | C | 0 |
| 29260 | | Vasco da Gama P | .962 | .208 | .177 | 79.6 | 12.0 | 54.46 | 94.66 | 4 | C | 0 |
| 29260A | | | .964 | .202 | .173 | 79.8 | 11.7 | 4.93 | 8.57 | 2 | C | 0 |
| 29260B | | | .963 | .206 | .174 | 79.8 | 11.9 | 5.12 | 8.90 | 2 | C | 0 |
| 29261 | 1923 | Vasco da Gama A | .960 | .219 | .174 | 79.7 | 12.7 | 13.01 | 22.61 | 1 | C | 0 |
| 29261A | | | .965 | .215 | .150 | 81.2 | 12.4 | 10.24 | 17.80 | 3 | C | 0 |
| 29261B | | | .968 | .217 | .126 | 82.6 | 12.5 | 14.67 | 25.50 | 2 | C | 0 |
| 29262 | | | .962 | .226 | .153 | 80.9 | 13.1 | 7.79 | 13.54 | 3 | C | 0 |
| 29262A | | | .963 | .227 | .145 | 81.4 | 13.1 | 9.75 | 16.95 | 2 | C | 0 |
| 29263 | | | .966 | .238 | .101 | 84.0 | 13.8 | 11.14 | 19.36 | 2 | C | ? |
| 29264 | 1922 | Vasco da Gama | .964 | .240 | .114 | 83.2 | 13.9 | 51.72 | 89.90 | 2 | C | p |
| 29264A | | | .960 | .243 | .139 | 81.8 | 14.1 | 8.28 | 14.39 | 2 | C | 0 |
| 29265 | | | .964 | .252 | .085 | 85.0 | 14.6 | 14.48 | 25.17 | 3 | C | 0 |
| 29266 | | | .961 | .269 | .064 | 86.2 | 15.6 | 5.87 | 10.20 | 2 | C | 0 |
| 29270 | | Vasco da Gama T | .972 | .206 | .113 | 83.4 | 11.9 | 10.34 | 17.97 | 2 | C | 0 |
| 29272 | | Bohr | .972 | .222 | .077 | 85.5 | 12.8 | 35.29 | 61.34 | 3 | C | ? |
| 29305 | | Struve L | .908 | .352 | .227 | 76.0 | 20.6 | 8.39 | 14.58 | 2 | pM | 0 |
| 29306 | | | .908 | .361 | .213 | 76.8 | 21.2 | 2.63 | 4.57 | 2 | pM | 0 |
| 29313 | | | .917 | .335 | .217 | 76.7 | 19.6 | 3.93 | 6.83 | 2 | pM | 0 |
| 29315 | | | .916 | .352 | .192 | 78.1 | 20.6 | 18.13 | 31.51 | 4f | aM | 0 |
| 29319 | | | .914 | .399 | .074 | 85.4 | 23.5 | 7.49 | 13.02 | 2 | C | 0 |
| 29320 | | Krafft M | .922 | .305 | .239 | 75.5 | 17.8 | 6.42 | 11.16 | 3 | aM | 0 |
| 29320A | | | .928 | .302 | .218 | 76.8 | 17.6 | 5.63 | 9.79 | 3 | aM | 0 |
| 29322 | 1911 | Struve B | .922 | .325 | .210 | 77.1 | 19.0 | 6.58 | 11.44 | 1 | pM | 0 |
| 29323 | | Balboa C | .925 | .334 | .181 | 78.9 | 19.5 | 15.59 | 27.10 | 3f | aM | 0 |
| 29324 | | Balboa B | .929 | .348 | .126 | 82.3 | 20.4 | 35.36 | 61.46 | 4 | C | 0 |
| 29326 | | | .922 | .366 | .126 | 82.2 | 21.5 | 5.87 | 10.20 | 2 | C | 0 |
| 29327 | | | .925 | .379 | .027 | 88.3 | 22.3 | 8.00 | 13.91 | 3 | C | 0 |
| 29329 | | | .920 | .390 | .039 | 87.6 | 23.0 | 7.49 | 13.02 | 3 | C | 0 |
| 29330 | | | .931 | .305 | .201 | 77.8 | 17.8 | 6.91 | 12.01 | 4 | aMC | 0 |
| 29331 | | Balboa D | .934 | .312 | .174 | 79.4 | 18.2 | 25.30 | 43.98 | 4 | aMC | 0 |
| 29331A | | | .931 | .318 | .179 | 79.1 | 18.5 | 8.92 | 15.50 | 3 | aM | 0 |
| 29332 | | Balboa | .938 | .327 | .115 | 83.0 | 19.1 | 42.07 | 73.12 | 2f | C | 0 |
| 29334 | | | .937 | .344 | .061 | 86.3 | 20.1 | 6.38 | 11.09 | 3 | C | 0 |
| 29335 | | | .933 | .353 | .070 | 85.7 | 20.7 | 7.49 | 13.02 | 3 | C | 0 |
| 29335A | | | .930 | .359 | .079 | 85.2 | 21.0 | 3.04 | 5.28 | 3 | C | 0 |
| 29341 | | | .944 | .312 | .107 | 83.5 | 18.2 | 7.46 | 12.97 | 2 | C | 0 |
| 29341A | | | .943 | .318 | .098 | 84.1 | 18.5 | 4.86 | 8.45 | 1 | C | 0 |

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| " | B | 20964 |
| Anaximander | | 23902 |
| " | A | 22982 |
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| " | D | 23910 |
| " | H | 22970 |
| " | K | 23933A |
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| " | S | 22992 |
| " | T | 23902A |
| " | U | 23829 |
| Anaximenes | | 22915 |
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| " | H | 21986 |
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| " | HB | 21996A |
| Angström | | 25479 |
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| " | AA | 20498 |
| " | AB | 21408 |
| " | C | 20522 |
| " | D | 20533 |
| " | E | 21412 |
| " | F | 21420 |
| " | G | 21428 |
| " | H | 21410 |
| " | K | 20416 |
| " | L | 20442 |
| " | M | 20454 |
| " | N | 20460 |
| " | P | 20433 |
| " | Q | 20437 |
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| " | S | 20449 |
| Archimedes | T | 20570 |
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| " | V | 20554 |
| " | W | 20490 |
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| " | Y | 21449 |
| " | Z | 20425 |
| Aristarchus | | 26470 |
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| " | CA | 26457 |
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| " | BB | 23193 |
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| " | D | 23933 |
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| " | C | 23823 |
| " | D | 23834 |
| " | G | 23836 |
| Hortensius | | 24161 |
| " | A | 25007 |
| " | B | 24089 |
| " | C | 24140 |

| Designation | | Reference |
|---|---|---|
| Hortensius | D | 25039 |
| " | DA | 25029 |
| " | DB | 25110 |
| " | DC | 25039A |
| " | DD | 25048 |
| " | E | 24029 |
| " | EA | 24048 |
| " | EB | 24058 |
| " | EC | 24059 |
| " | F | 24122 |
| " | G | 24134 |
| Huygens | A | 20333 |
| " | M | 20336 |
| Kepler | | 26104 |
| " | A | 25182 |
| " | B | 25173 |
| " | C | 26157 |
| " | CA | 26168 |
| " | CB | 26138 |
| " | D | 26162 |
| " | E | 26182 |
| " | F | 26124 |
| " | P | 25241 |
| " | T | 25165 |
| Kirch | | 20673 |
| " | E | 20599 |
| " | F | 20681 |
| " | G | 21610 |
| " | H | 20692 |
| " | K | 20653 |
| " | M | 21633 |
| Krafft | | 29218 |
| " | C | 29218A |
| " | D | 29226 |
| " | E | 29217 |
| " | H | 29239 |
| " | K | 29228 |
| " | L | 29237 |
| " | M | 29320 |
| " | U | 28269 |
| Krieger | | 26428A |
| " | B | 26428 |
| " | C | 26426 |
| " | D | 26418 |

| Designation | | Reference |
|---|---|---|
| Kunowsky | | 25035 |
| " | D | 24082 |
| " | G | 25012 |
| " | H | 24091 |
| La Condamine | | 22880 |
| " | A | 22891 |
| " | B | 22875 |
| " | C | 23709 |
| " | D | 23800 |
| " | E | 22884 |
| " | F | 22874 |
| " | G | 22871 |
| " | H | 22769 |
| " | J | 21882 |
| " | JA | 21892 |
| " | K | 22768 |
| " | L | 22860 |
| " | M | 22861 |
| " | N | 22850 |
| " | O | 22841 |
| " | P | 22749 |
| " | Q | 22749A |
| " | R | 22801 |
| " | S | 22824 |
| " | SA | 22844 |
| " | T | 22855 |
| " | TA | 22845 |
| " | U | 22821A |
| " | V | 22831 |
| " | X | 21894 |
| La Hire | A | 23447 |
| " | B | 23446 |
| " | C | 24416 |
| " | D | 24429 |
| Lambert | | 23423 |
| " | A | 23424 |
| " | B | 23411 |
| " | R | 23420 |
| " | T | 23407 |
| " | W | 23451 |
| Langley | | 26727A |
| Lansberg | A | 25010 |
| " | AA | 25010A |
| " | AB | 25021 |

| Designation | | Reference |
|---|---|---|
| Lansberg | X | 24062 |
| " | Y | 24071 |
| Laplace | A | 23629 |
| " | B | 22717 |
| " | D | 22793 |
| " | E | 22716 |
| " | F | 22731 |
| " | FA | 22649 |
| " | H | 22739 |
| " | HA | 22748 |
| " | K | 22727 |
| " | L | 22728 |
| " | M | 22708 |
| Lavoisier | | 27671 |
| " | A | 27660 |
| " | B | 27653 |
| " | C | 27588 |
| " | D | 27635 |
| " | E | 27645 |
| " | F | 27680 |
| " | G | 27690 |
| " | H | 27671A |
| " | K | 27643 |
| " | L | 27643A |
| " | M | 27644 |
| " | N | 27636 |
| " | S | 27672 |
| " | T | 27589 |
| " | W | 27599 |
| " | X | 27690A |
| " | Y | 28518 |
| " | Z | 28508 |
| Le Verrier | | 22664 |
| " | A | 22631 |
| " | B | 21664 |
| " | D | 21663 |
| " | E | 22617 |
| " | S | 22672 |
| " | T | 22674 |
| " | U | 21680 |
| " | V | 21691 |
| " | W | 21683 |
| " | X | 21656 |
| Lichtenberg | | 27582 |

| Designation | | Reference |
|---|---|---|
| Lichtenberg | A | 27458 |
| " | B | 27534 |
| " | F | 27564 |
| " | G | 27510 |
| " | H | 27522 |
| " | R | 27576 |
| Louville | | 25619 |
| " | A | 25618 |
| " | B | 25629 |
| " | D | 25732 |
| " | DA | 25732A |
| " | E | 25628 |
| " | K | 25762 |
| " | P | 25751 |
| Maestlin | | 26048 |
| " | G | 26073 |
| " | H | 26088 |
| " | R | 26066 |
| Mairan | | 25616 |
| " | A | 24682 |
| " | C | 25662 |
| " | D | 25635 |
| " | E | 24671 |
| " | F | 25644 |
| " | G | 25685 |
| " | H | 24693 |
| " | K | 24695 |
| " | L | 25632 |
| " | N | 25653 |
| " | T | 25656 |
| " | Y | 25617 |
| Marco Polo | | 20236 |
| " | A | 20235 |
| " | B | 20239 |
| " | C | 20284 |
| " | D | 20265 |
| " | F | 20277 |
| " | G | 20238 |
| " | H | 20320 |
| " | J | 20320B |
| " | K | 20321 |
| " | L | 20285 |
| " | M | 20320A |
| " | P | 20209 |
| Marco Polo | T | 20213 |
| Marius | | 27250 |
| " | A | 27201 |
| " | B | 27208 |
| " | BA | 26296 |
| " | BB | 27215 |
| " | BC | 27216 |
| " | C | 27214 |
| " | CA | 27213A |
| " | CB | 27213 |
| " | D | 26199 |
| " | DA | 27108 |
| " | DB | 27200 |
| " | E | 27270 |
| " | EA | 27280 |
| " | F | 26290 |
| " | G | 27250A |
| " | H | 27159 |
| " | J | 27118 |
| " | K | 27166 |
| " | L | 27297 |
| " | LA | 27298 |
| " | M | 27289 |
| " | N | 27372 |
| " | P | 27340 |
| " | R | 27243 |
| " | U | 27126 |
| " | V | 27137 |
| " | W | 27156 |
| " | X | 28106 |
| " | Y | 27167 |
| Markov | | 25820 |
| " | E | 25747 |
| " | F | 25766 |
| " | G | 25736 |
| " | U | 25738 |
| Maupertuis | | 22796 |
| " | A | 22767 |
| " | B | 22788 |
| " | C | 22766 |
| " | K | 22775 |
| " | L | 23708 |
| T. Mayer | | 24266 |
| " | A | 24256 |
| T. Mayer | B | 24296 |
| " | C | 24221 |
| " | D | 24241 |
| " | E | 24227 |
| " | F | 24272 |
| " | G | 24239 |
| " | GA | 24341 |
| " | H | 24220 |
| " | J | 24214 |
| " | L | 24202 |
| " | M | 24225A |
| " | N | 24213C |
| " | P | 24274 |
| " | R | 24230 |
| " | S | 24260 |
| " | W | 25340 |
| " | Z | 24224 |
| Milichius | | 24197 |
| " | A | 25126 |
| " | B | 24167 |
| " | BA | 24177 |
| " | C | 24189 |
| " | D | 24163 |
| " | E | 24168 |
| " | K | 24194 |
| Montes Recti | B | 22704 |
| Mouchez | | 20997 |
| " | A | 20988 |
| " | B | 20978A |
| " | C | 20997A |
| Murchison | | 20008 |
| Naumann | | 27517 |
| " | B | 26690 |
| " | G | 27525 |
| Oenopides | | 24883 |
| " | B | 24885 |
| " | K | 24892 |
| " | L | 24892A |
| " | M | 24892B |
| " | R | 25822 |
| " | S | 24894 |
| " | T | 25804 |
| " | X | 24874 |
| " | Y | 24883A |

| Designation | | Reference |
|---|---|---|
| Oenopides | Z | 24875 |
| Olbers | | 29162 |
| " | A | 29164 |
| " | B | 29151 |
| " | D | 29167 |
| " | G | 29154 |
| " | H | 29155 |
| " | K | 29171 |
| " | L | 29172 |
| " | M | 29173 |
| " | N | 29175 |
| " | S | 29161 |
| " | V | 29145 |
| " | W | 29180 |
| Pallas | | 20029 |
| " | A | 20140 |
| " | B | 20047 |
| " | C | 20017 |
| " | D | 20044 |
| " | E | 20027 |
| " | F | 20026 |
| " | H | 20028 |
| " | V | 20022 |
| " | W | 20026A |
| " | X | 20059 |
| Pascal | | 22956 |
| " | A | 22985A |
| " | F | 22946 |
| " | G | 22965 |
| " | J | 22985 |
| " | L | 22946A |
| Philolaus | | 21965 |
| " | A | 21905B |
| " | B | 21943 |
| " | C | 21974 |
| " | D | 21926 |
| " | E | 21913 |
| " | F | 21912 |
| " | J | 21918 |
| " | L | 21928 |
| " | M | 21928A |
| " | N | 21929 |
| " | U | 21946 |
| " | W | 21946A |

| Designation | | Reference |
|---|---|---|
| Piazzi Smyth | | 20646 |
| " | B | 20644 |
| " | M | 20750 |
| " | U | 20635 |
| " | V | 20665 |
| " | W | 20627 |
| " | Y | 20647 |
| " | Z | 20656 |
| Pico | B | 21782 |
| " | BA | 21762 |
| " | C | 20773 |
| " | D | 21648 |
| " | E | 21638 |
| " | EA | 21638A |
| " | F | 21637 |
| " | G | 21722 |
| " | K | 20790A |
| Piton | A | 20613 |
| " | B | 20603 |
| Plato | | 20798 |
| " | A | 21749 |
| " | B | 21779 |
| " | BA | 21870 |
| " | BB | 21871 |
| " | C | 21890 |
| " | D | 21766 |
| " | E | 21776 |
| " | F | 21788 |
| " | G | 20768 |
| " | H | 20822 |
| " | HA | 20800 |
| " | J | 20755 |
| " | K | 20732 |
| " | KA | 20742 |
| " | KB | 20753A |
| " | L | 20748 |
| " | M | 21769 |
| " | N | 20756 |
| " | O | 21769A |
| " | P | 21768 |
| " | Q | 20841 |
| " | R | 21880 |
| " | S | 21850 |
| " | T | 21811 |

| Designation | | Reference |
|---|---|---|
| Plato | U | 20786 |
| " | V | 20872 |
| " | VA | 20883 |
| " | W | 21863 |
| " | X | 21756 |
| " | Y | 21769B |
| Poncelet | | 21996 |
| " | A | 21978 |
| " | B | 21978A |
| " | C | 22907 |
| " | H | 22906 |
| " | P | 21948 |
| " | Q | 21958 |
| " | R | 21958A |
| " | S | 21968 |
| Prinz | | 26423 |
| " | A | 26414 |
| " | B | 26415 |
| Pythagoras | | 23899A |
| " | A | 24848 |
| " | B | 23981 |
| " | D | 24900 |
| " | G | 23962 |
| " | H | 23972B |
| " | K | 23972C |
| " | L | 23972 |
| " | M | 23972D |
| " | N | 23981A |
| " | P | 24900B |
| " | R | 24910A |
| " | S | 23942 |
| " | T | 23868 |
| " | W | 23849 |
| Pytheas | | 23325 |
| " | A | 23344 |
| " | B | 23310 |
| " | C | 23302 |
| " | D | 23325A |
| " | E | 23311 |
| " | F | 23218 |
| " | G | 22386 |
| " | H | 22365 |
| " | J | 23336 |
| " | K | 22364 |

| Designation | | Reference |
|---|---|---|
| Pytheas | L | 22371 |
| " | M | 22384 |
| " | N | 23328 |
| " | U | 23307 |
| " | W | 23377 |
| Regnault | | 25880 |
| " | B | 25871 |
| " | C | 25872 |
| " | D | 26709 |
| " | K | 26718B |
| " | L | 25861 |
| " | M | 25861A |
| " | W | 25890 |
| " | X | 25881 |
| Reiner | | 28112 |
| " | A | 27078 |
| " | C | 27086 |
| " | E | 27063 |
| " | G | 28015 |
| " | H | 28105 |
| " | K | 28104 |
| " | L | 28103 |
| " | M | 28125 |
| " | N | 28049 |
| " | P | 27192 |
| " | Q | 27072 |
| " | R | 28026 |
| " | S | 27073 |
| " | T | 27086A |
| " | U | 27097 |
| Reinhold | | 23085 |
| " | A | 23067 |
| " | B | 23067A |
| " | C | 24017 |
| " | D | 24014 |
| " | E | 23099 |
| " | F | 23065 |
| " | G | 23038 |
| " | H | 23057B |
| " | N | 24022 |
| " | NA | 24023 |
| Repsold | | 26717 |
| " | A | 26708 |
| " | B | 25880A |
| Repsold | C | 26735 |
| " | G | 26727 |
| " | H | 26718A |
| " | J | 26718 |
| " | N | 26745 |
| " | R | 26716 |
| " | S | 26744 |
| " | T | 26763 |
| " | U | 26726 |
| " | V | 26717B |
| " | W | 25799 |
| Riccioli | C | 29050 |
| " | CA | 29051 |
| " | H | 29061 |
| " | M | 29080 |
| " | N | 29090A |
| " | P | 29090 |
| Robinson | | 23875 |
| Rümker | C | 26636 |
| " | E | 26652 |
| " | F | 26660 |
| " | H | 26604 |
| " | K | 26617 |
| " | L | 26608 |
| " | S | 26657 |
| " | T | 26667 |
| Russell | | 28464 |
| " | B | 28474 |
| " | E | 28447 |
| " | F | 28457 |
| " | K | 28477 |
| " | R | 28448 |
| " | S | 28449 |
| Schiaparelli | | 27389 |
| " | A | 28319 |
| " | B | 27464 |
| " | C | 27493 |
| " | D | 27466 |
| " | E | 27485 |
| Schröter | | 21024A |
| " | A | 21038 |
| " | C | 21164 |
| " | D | 21067 |
| " | E | 21014 |
| Schröter | F | 21102 |
| " | FA | 21112 |
| " | G | 21065 |
| " | H | 21045 |
| " | J | 21104 |
| " | K | 21035 |
| " | L | 21023 |
| " | M | 22102 |
| " | S | 21152 |
| " | T | 21132 |
| " | U | 21017 |
| " | W | 21038A |
| Seleucus | | 28355 |
| " | A | 28307 |
| " | E | 28328 |
| Sharp | | 24751 |
| " | A | 24753 |
| " | B | 24783 |
| " | D | 24770 |
| " | J | 24723 |
| " | K | 24723A |
| " | L | 24731 |
| " | M | 24743 |
| " | U | 25703 |
| " | V | 25702 |
| " | W | 24756 |
| Sinus Iridum | | 23770A |
| Sömmering | | 21030 |
| " | A | 21091 |
| " | M | 20070 |
| " | R | 21073 |
| South | | 24814 |
| " | A | 24814A |
| " | B | 23874 |
| " | C | 24822 |
| " | D | 24832 |
| " | E | 24833 |
| " | F | 24833A |
| " | G | 24851 |
| " | H | 24804 |
| " | K | 23895 |
| " | M | 24842 |
| Spitzbergen | A | 21503 |
| " | C | 21524 |

| Designation | | Reference |
|---|---|---|
| Spitzbergen | D | 21524A |
| Stadius | | 22138A |
| " | A | 22158 |
| " | B | 22220 |
| " | C | 22116 |
| " | CA | 22106 |
| " | D | 22157 |
| " | E | 22261 |
| " | F | 22262 |
| " | G | 22149 |
| " | H | 22230 |
| " | J | 22263 |
| " | K | 22136 |
| " | L | 22127 |
| " | M | 22275 |
| " | N | 22166 |
| " | P | 22250A |
| " | Q | 22149A |
| " | R | 22251 |
| " | S | 22262B |
| " | T | 22262A |
| " | U | 22274 |
| " | W | 22274A |
| Stokes | | 26709A |
| Struve | | 28398A |
| " | B | 29322 |
| " | C | 28398 |
| " | D | 28462 |
| " | F | 28388 |
| " | G | 28470 |
| " | H | 28492 |
| " | K | 28379 |
| " | L | 29305 |
| " | M | 28389 |
| Suess | | 27037 |
| " | B | 27039 |
| " | D | 27028 |
| " | F | 27002 |
| " | FA | 26091 |
| " | FB | 27010 |
| " | G | 27045 |
| " | H | 27016 |
| " | J | 27142 |
| " | K | 27161 |
| Suess | L | 27160 |
| Timaeus | | 20808 |
| Timocharis | | 22404 |
| " | A | 22441 |
| " | AA | 22433 |
| " | B | 21486 |
| " | C | 22421 |
| " | D | 22430 |
| " | E | 22461 |
| " | F | 22511 |
| " | H | 22460 |
| " | K | 21470 |
| Ukert | J | 20119 |
| Ulugh Beigh | | 28533 |
| " | A | 28515 |
| " | B | 28524 |
| " | C | 28532 |
| " | D | 28542 |
| " | K | 28517 |
| " | L | 28518A |
| " | M | 28508A |
| Vasco da Gama | | 29264 |
| " | A | 29261 |
| " | B | 29257 |
| " | F | 29254 |
| " | P | 29260 |
| " | R | 29177 |
| " | T | 29270 |
| Volta | | 25880B |
| Wallace | | 21344 |
| " | A | 20392 |
| " | B | 20374 |
| " | C | 21300 |
| " | D | 20390 |
| " | H | 21346 |
| " | K | 21312 |
| " | T | 20387 |
| Wolff | A | 21227 |
| " | B | 21247 |
| Wollaston | | 26520 |
| " | C | 26562 |
| " | D | 26524 |
| " | U | 26581 |
| " | V | 26591 |
| Xenophanes | | 25834A |
| " | A | 24896 |
| " | C | 24896A |
| " | D | 25805 |
| " | E | 25834 |
| " | F | 25823 |
| " | G | 25823A |
| " | H | 25843 |
| " | K | 25815 |

# Appendix II. Map Locations of Named Craters

| Designation | Map |
|---|---|
| Alps A | D1 |
| Anaxagoras | D1 |
| Anaximander | D1, E1 |
| Anaximenes | D1 |
| Angström | E2, E3 |
| Archimedes | D2, D3 |
| Aristarchus | E3, F3 |
| Aston | F2 |
| Babbage | E1 |
| Balboa | F3 |
| Beer | D3 |
| Bessarion | E3, E4 |
| Bianchini | E1, E2 |
| Birmingham | D1 |
| Bode | D4 |
| Bohr | F3, F4 |
| Boole | E1 |
| Bouguer | E1 |
| Bradley H | D3 |
| Brayley | E3 |
| Brianchon | D1, E1 |
| Briggs | F3 |
| Bunsen | F2 |
| Cardanus | F3, F4 |
| Carlini | E2 |
| Carpenter | D1, E1 |
| Cavalerius | F4 |
| Cleostratus | E1 |
| Copernicus | D4, E4 |
| Cremona | E1 |
| Dalton | F3 |
| Dechen | E2, F2 |
| Delisle | E2, E3 |
| Desargues | D1, E1 |
| Diophantus | E3 |
| Draper | E3 |
| Eddington | F3 |
| Einstein | F3, F4 |
| Encke | E4 |
| Epigenes | D1 |
| Eratosthenes | D3, D4 |
| Euler | E3 |
| Fauth | E4 |
| Feuillée | D3 |
| Fontenelle | D1 |
| Foucault | E1, E2 |
| Galilaei | F4 |
| Galvani | E1, E2, F2 |
| Gambart | D4 |
| Gay-Lussac | E3, E4 |
| Gerard | F2 |
| Goldschmidt | D1 |
| Gruithuisen | E2 |
| Harding | F2 |
| Harpalus | E1 |
| Hedin | F4 |
| Heis | E2 |
| Helicon | D2, E2 |
| Heraclides A | E2 |
| Hermann A | F4 |
| Hermite | D1 |
| Herodotus | F3 |
| C. Herschel | E2 |
| J. Herschel | D1, E1 |
| Hevelius | F4 |
| Horrebow | E1 |
| Hortensius | E4 |
| Huygens A | D3 |
| Kepler | E4, F4 |
| Kirch | D2 |
| Krafft | F3 |
| Krieger | E2, E3, F2, F3 |
| Kunowsky | E4 |
| La Condamine | D1, E1 |
| La Hire A | E3 |
| Lambert | D3, E3 |
| Langley | E1, E2 |
| Lansberg A | E4 |
| Laplace A | D1, D2, E1 |
| Lavoisier | F2 |
| Le Verrier | D2, E2 |
| Lichtenberg | F2, F3 |
| Louville | E2 |
| Maestlin | E4, F4 |
| Mairan | E2 |
| Marco Polo | D3, D4 |
| Marius | F4 |
| Markov | E1 |

| Designation | Map |
|---|---|
| Maupertuis | D1, D2, E1, E2 |
| T. Mayer | E3, E4 |
| Milichius | E4 |
| Montes Recti B | D2 |
| Mouchez | D1 |
| Murchison | D4 |
| Naumann | F2 |
| Oenopides | E1 |
| Olbers | F4 |
| Pallas | D4 |
| Pascal | D1 |
| Philolaus | D1 |
| Piazzi Smyth | D2 |
| Pico B | D2 |
| Piton A | D2 |
| Plato | D1, D2 |
| Poncelet | D1 |
| Prinz | E3, F3 |
| Pythagoras | E1 |
| Pytheas | D3, E3 |
| Regnault | E1 |
| Reiner | F4 |
| Reinhold | E4 |
| Repsold | E1, F2 |
| Riccioli C | F4 |
| Robinson | E1 |
| Rümker C | E2, F2 |
| Russell | F3 |
| Schiaparelli | F3 |
| Schröter | D4 |
| Seleucus | F3 |
| Sharp | E2 |
| Sinus Iridum | D1, D2, E2 |
| Sömmering | D4 |
| South | E1 |
| Spitzbergen A | D2 |
| Stadius | D4 |
| Stokes | E1 |
| Struve | F3 |
| Suess | F4 |
| Timaeus | D1 |
| Timocharis | D3 |
| Ukert J | D4 |
| Ulugh Beigh | F2 |

| Designation | Map |
|---|---|
| Vasco da Gama | F3, F4 |
| Volta | E1 |
| Wallace | D3 |
| Wolff A | D3, D4 |
| Wollaston | E2, E3, F2, F3 |
| Xenophanes | E1 |

# APPENDIX III. NOTES

| Ref. | Remarks |
|---|---|
| 20070 | Designation now restricted to part of formation. |
| 20166 | Formerly Schröter B. |
| 20173 | Designation transferred to more definite feature. |
| 20756 | Plato N may be a pair of peaks. |
| 20964 | Designation transferred to more definite feature. |
| 21705A | and 21705B comprise 21705 of position catalog. |
| 21913 | Formerly J. Cassini E. |
| 21978 | Formerly Anaximenes A. |
| 21996 | Formerly Anaximenes F. |
| 22838 | Designation now restricted to N. component. |
| 22875 | May be doublet. |
| 22906 | Formerly Anaximenes H. |
| 22907 | Formerly Anaximenes C. |
| 22946 | Formerly Carpenter F. |
| 22956 | Formerly Carpenter D. |
| 22965 | Formerly Carpenter G. |
| 22966 | Formerly Carpenter C. |
| 22985 | Formerly Carpenter J. |
| 23218 | May be double. |
| 23232 | Diameter adjusted to exclude crater on rim measured as part of Gay-Lussac A in position catalog. |
| 23286 | Blagg and Müller's Pietrosul Bay. |
| 23290 | May be double. |
| 23766 | May be multiple. |
| 23902 | The designation Anaximander is now restricted to this component of the former Anaximander. |
| 23910 | Formerly was part of Anaximander. |
| 23924 | Formerly Anaximander C. |
| 23943 | Formerly Pythagoras C. |
| 24122 | Elliptical. Nature uncertain. |
| 24699A | and 24790. The designations Louville C and D are cancelled as the only craters in this area are both small and inconspicuous. |
| 24839 | Formerly Cleostratus A. |
| 24839A | Formerly Cleostratus B. |
| 24839B | Formerly Cleostratus D. |
| 24858 | Formerly Cleostratus E. |
| 24910 | Formerly Cleostratus C. |
| 25660B | May be double. |
| 25662 | Not correctly identified by Blagg and Müller |
| 25732 | Formerly Repsold D. |
| 25738 | Formerly Repsold U. |
| 25747 | Formerly Repsold E. |
| 25751 | Formerly Repsold P. |
| 25766 | Formerly Repsold F. |
| 25820 | Formerly Oenopides A. |
| 25833 | May be double. |
| 25834 | May be double. |
| 27039 | Formerly Reiner B. |
| 27289 | Marius M. Coordinates adjusted to conform to grid. |
| 28328 | Formerly Seleucus $\epsilon$. |
| 28379 | Designation transferred to small distinct crater. |
| 28386 | Formerly Struve A. |
| 28447 | Formerly Struve E. |
| 28534 | Formerly Ulugh Beigh E. |
| 29037 | May be double. |
| 29055A | May be double. |
| 29066 | Formerly Olbers F. |
| 29075 | Formerly Olbers C. |
| 29249 | Formerly Krafft A. |
| 29264 | The Franz coordinates adjusted to conform to grid. |
| 29270 | May be double. |

N.B. Former designations referred to in the above notes are those of Blagg and Müller's Named Lunar Formations, Vol. I. The grids which are mentioned are those of the Orthographic Atlas of the Moon.

# APPENDIX IV. CORRIGENDA

Quadrant II of "Consolidated Catalog of Selenographic Positions"

The following corrections should be applied to the second quadrant of the "Consolidated Catalog of Selenographic Positions" (Comm. L.P.L., No. 11).

| Ref. | Corrections |
|---|---|
| 20790 | Cancel. Existence doubtful. |
| 22253B | Diameter should read 2.0. |
| 22792 | Cancel. Not suitable as standard point. |
| 23232 | Diameter should read 8.0. |
| 23767 | Diameter should read 6.7. |
| 23817 | Elliptical. The minor diameter is 5.2. |
| 25091 | Diameter should read 4.9. |
| 28175 | Galilaei D is a bright spot. |

The following additions and corrections are applicable to Quadrant I of this catalog.

| Ref. | B & M | Designation | $\xi$ | $\eta$ | $\zeta$ | $\lambda$ | $\beta$ | D | K | C | B | C.E. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10687 | | | +.086 | +.673 | +.735 | + 6.7 | +42.3 | 3.42 | 5.94 | 3 | pM | 0 |
| 10697 | | | .093 | .671 | .736 | 7.2 | 42.2 | 13.47 | 23.41 | 4f | aM | 0 |
| 13683 | | | .383 | .639 | .667 | 30.0 | 39.7 | 55.41 | 96.31 | 5f | aMC | 0 |
| 15743 | | | .541 | .730 | .418 | 52.3 | 46.9 | 24.31 | 42.25 | 4f | aMC | 0 |
| 16791A | | Boss | .697 | .717 | .010 | 88.8 | 45.8 | 27.07 | 47.05 | 2 | C | 0 |
| 17388 | | Cleomedes FA | .780 | .381 | .496 | 57.4 | 22.4 | 3.38 | 5.87 | 1 | pM | 0 |
| 17673 | | Riemann | .770 | .635 | .062 | 87.9 | 39.4 | 76.63 | 133.19 | 4 | C | pp |
| 18094 | 80 | Apollonius W | .894 | .041 | .446 | 62.9 | 2.3 | (3.27) | (5.68) | 1 | C | 0 |
| 18205 | | Picard Z | .808 | .252 | .530 | 56.6 | 14.6 | (2.41) | (4.19) | 2 | pM | 0 |
| 18242 | | Picard Y | .844 | .228 | .490 | 60.1 | 13.2 | (3.27) | (5.68) | 3 | pM | 0 |
| 18478B | | Rayleigh | .872 | .489 | .022 | 89.3 | 29.3 | 58.44 | 101.58 | 3 | C | K |
| 18486 | | | .883 | .468 | .020 | 87.6 | 27.9 | 23.48 | 40.81 | 2 | C | 0 |
| 18494A | | Liapunov | .895 | .446 | .008 | 90.0 | 26.5 | 37.76 | 65.63 | 2 | C | 0 |
| 19185A | | Jansky | .986 | .152 | .069 | 85.9 | 8.7 | 41.27 | 71.75 | 3 | pMC | ? |
| 19265 | | Goddard | .966 | .257 | .015 | 89.1 | 14.9 | 48.85 | 84.91 | 4f | aMC | 0 |

In the map C1 the peak $\phi$ (within Aristoteles) should be $\theta$.

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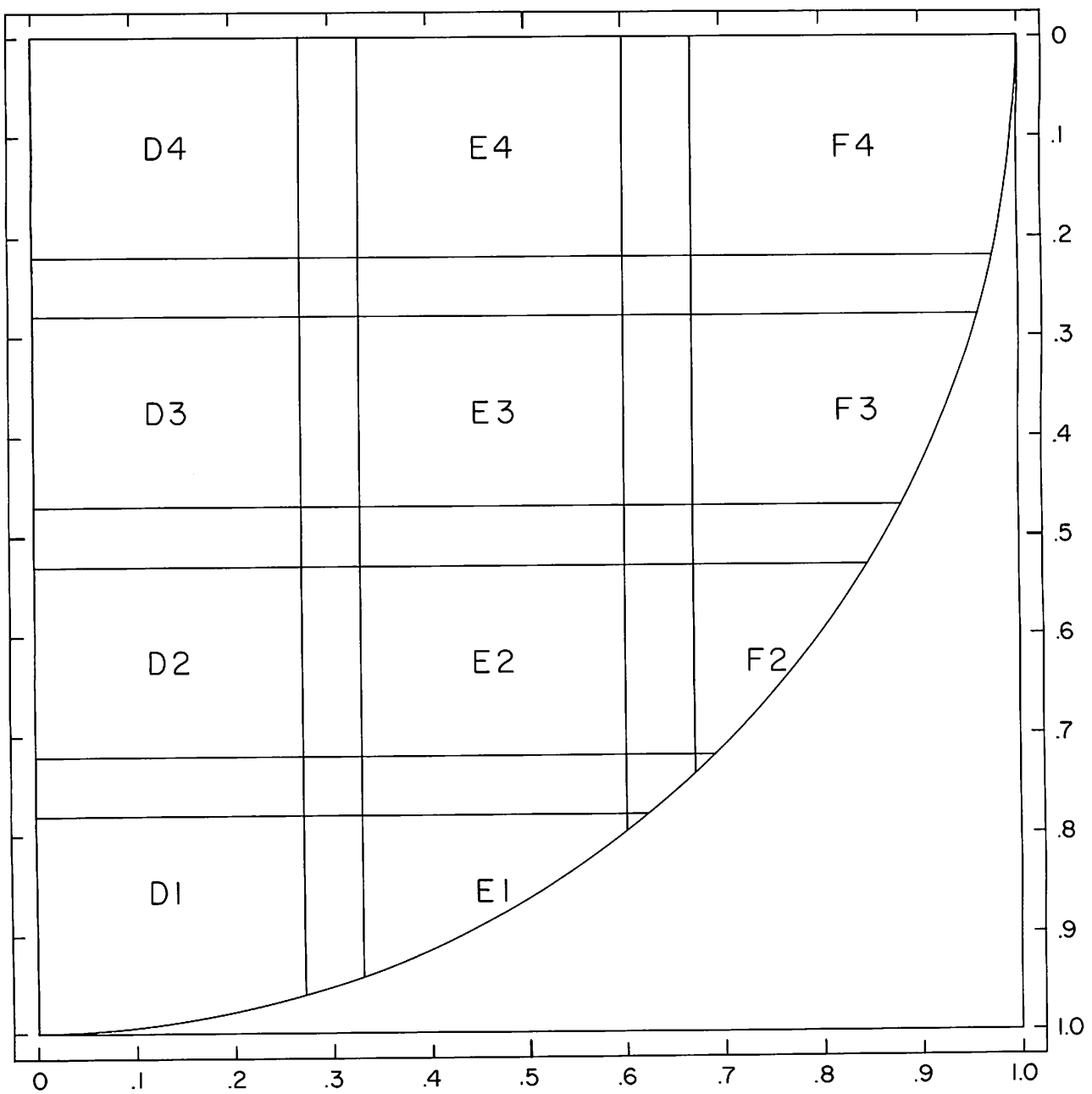

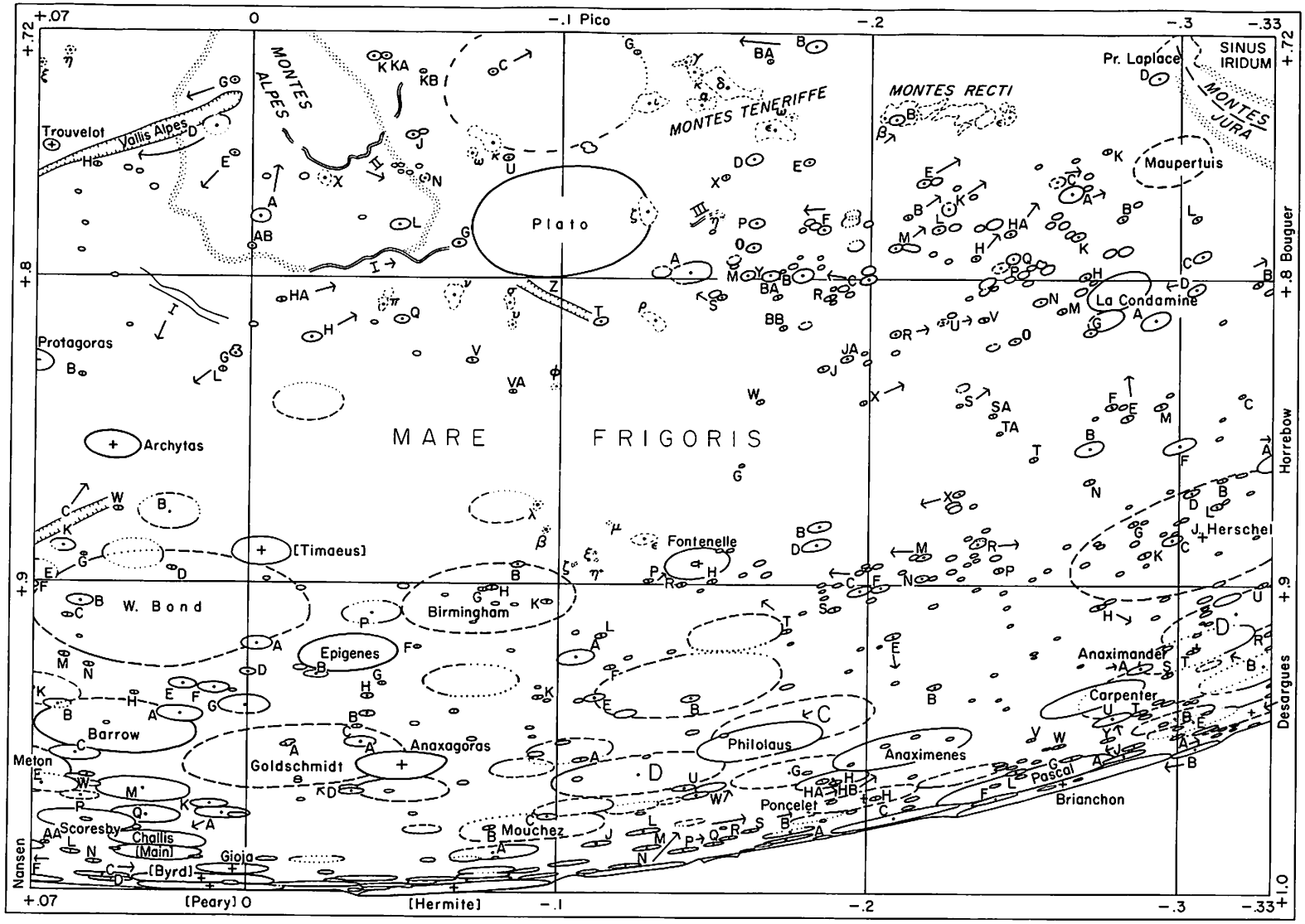


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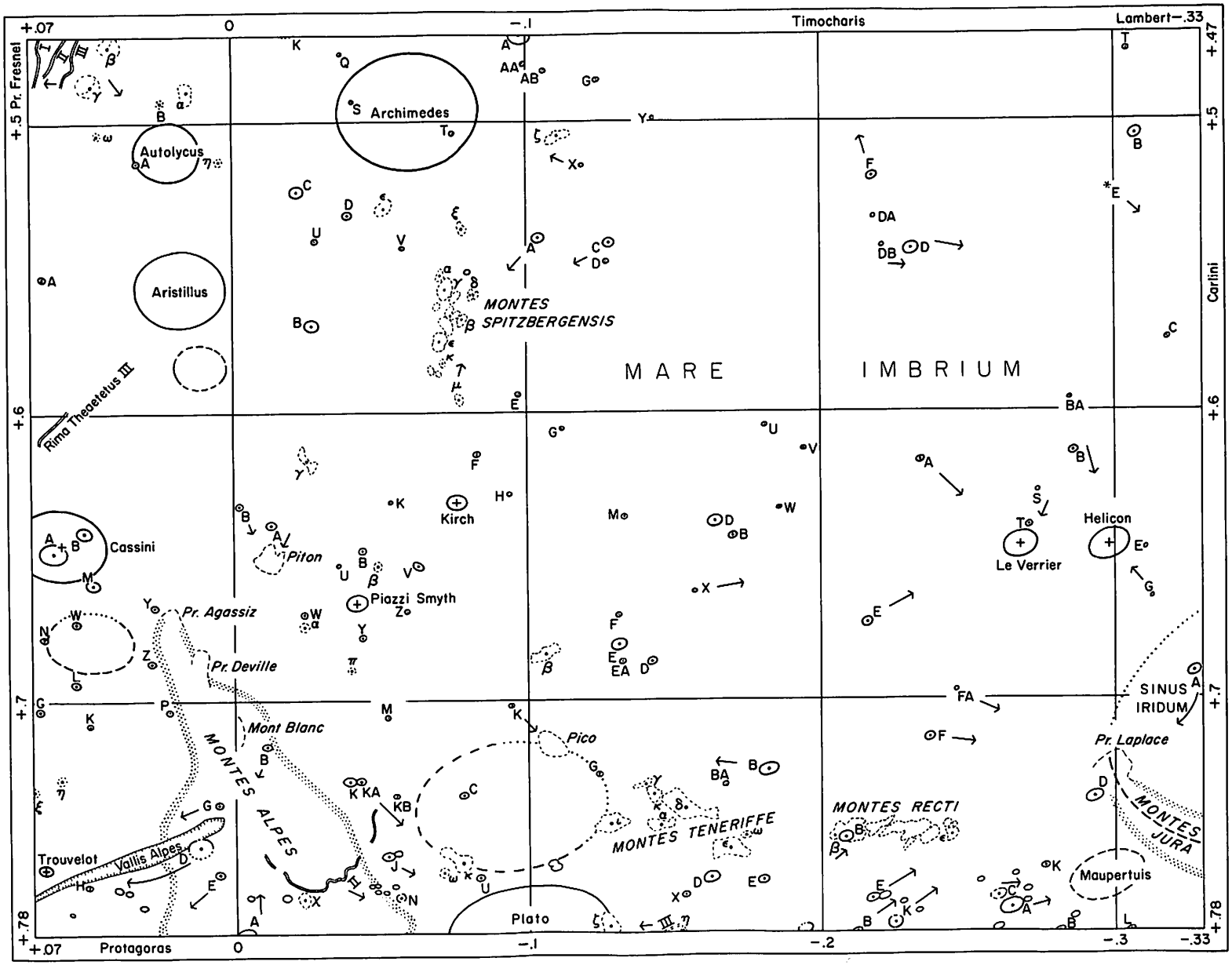


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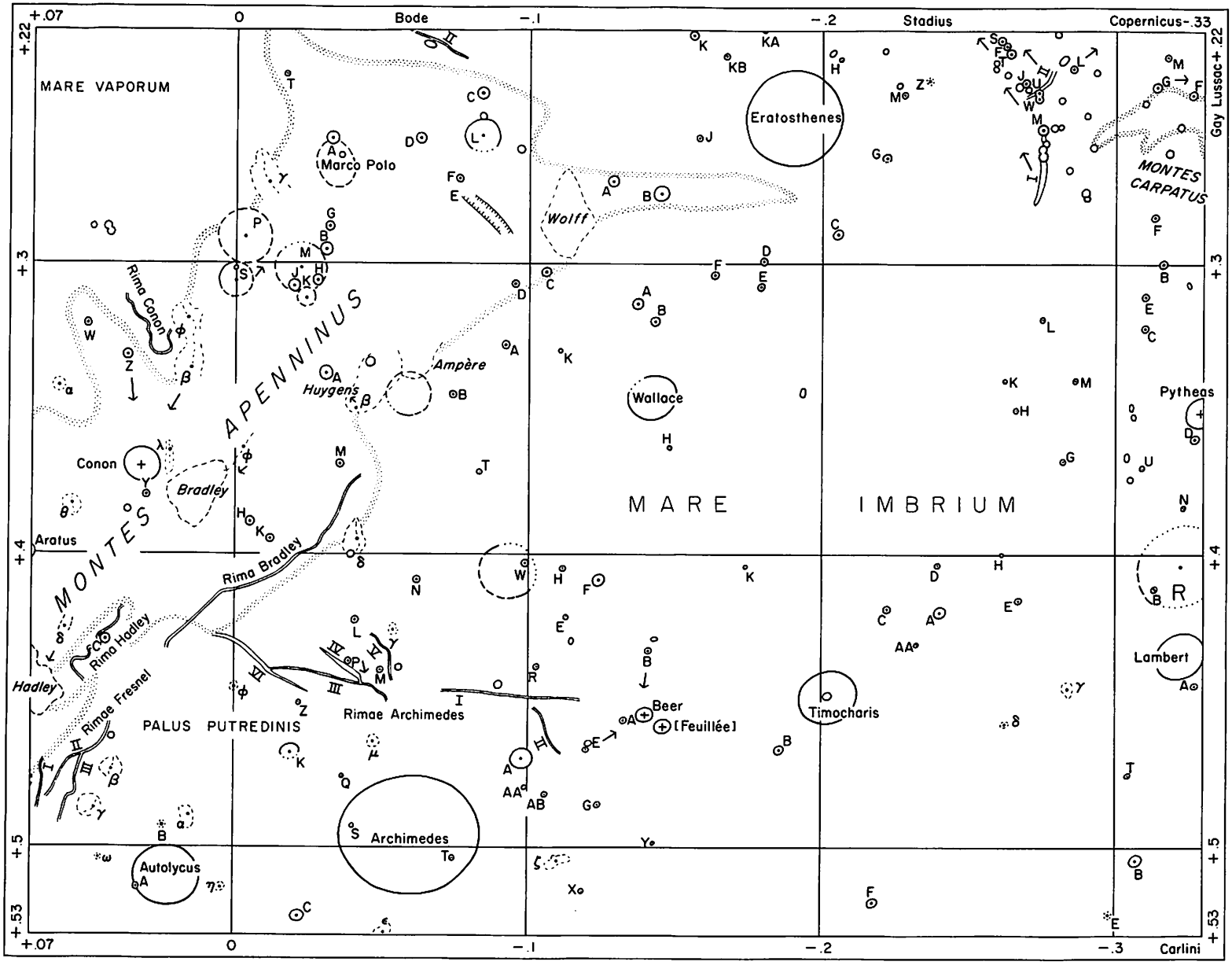


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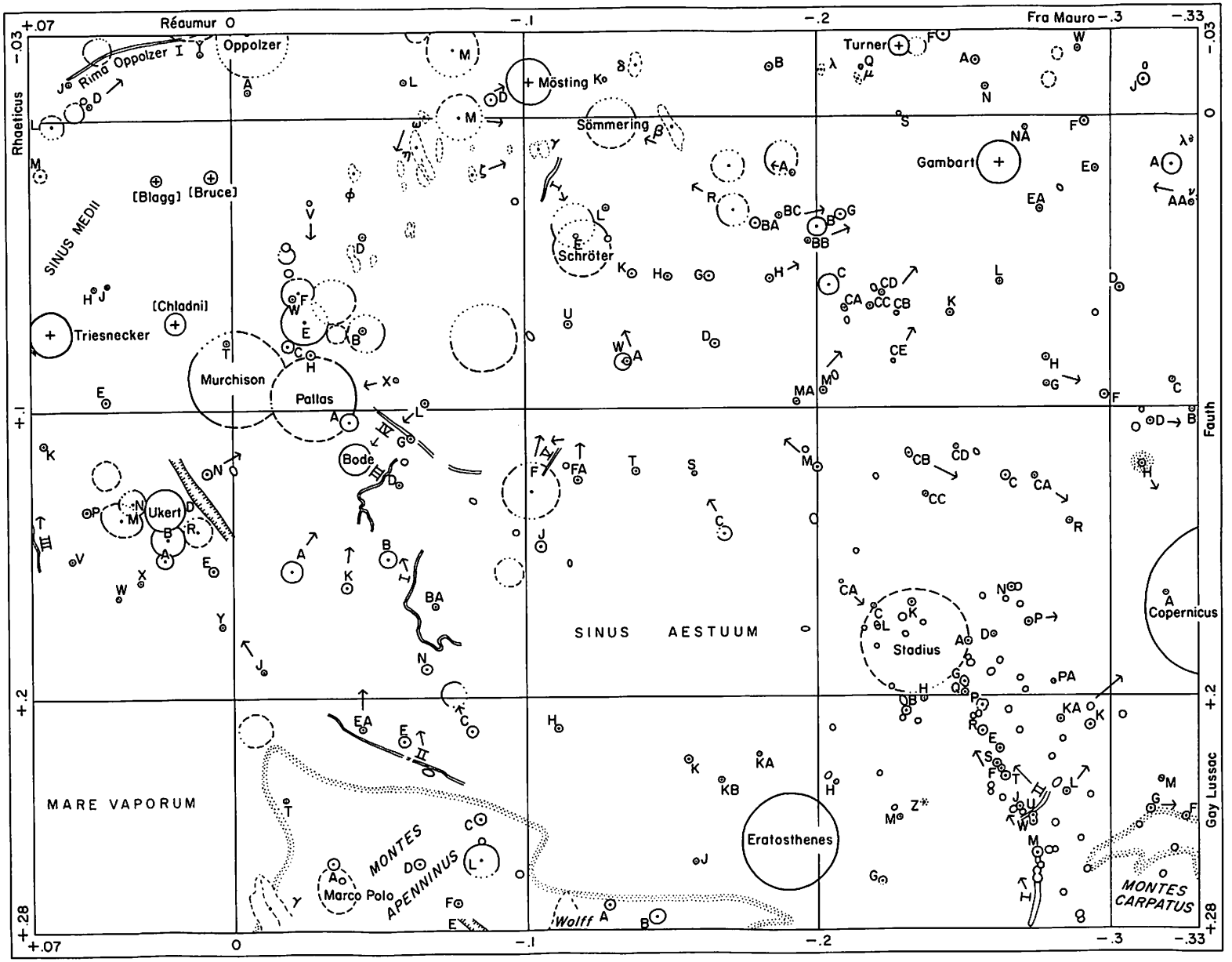


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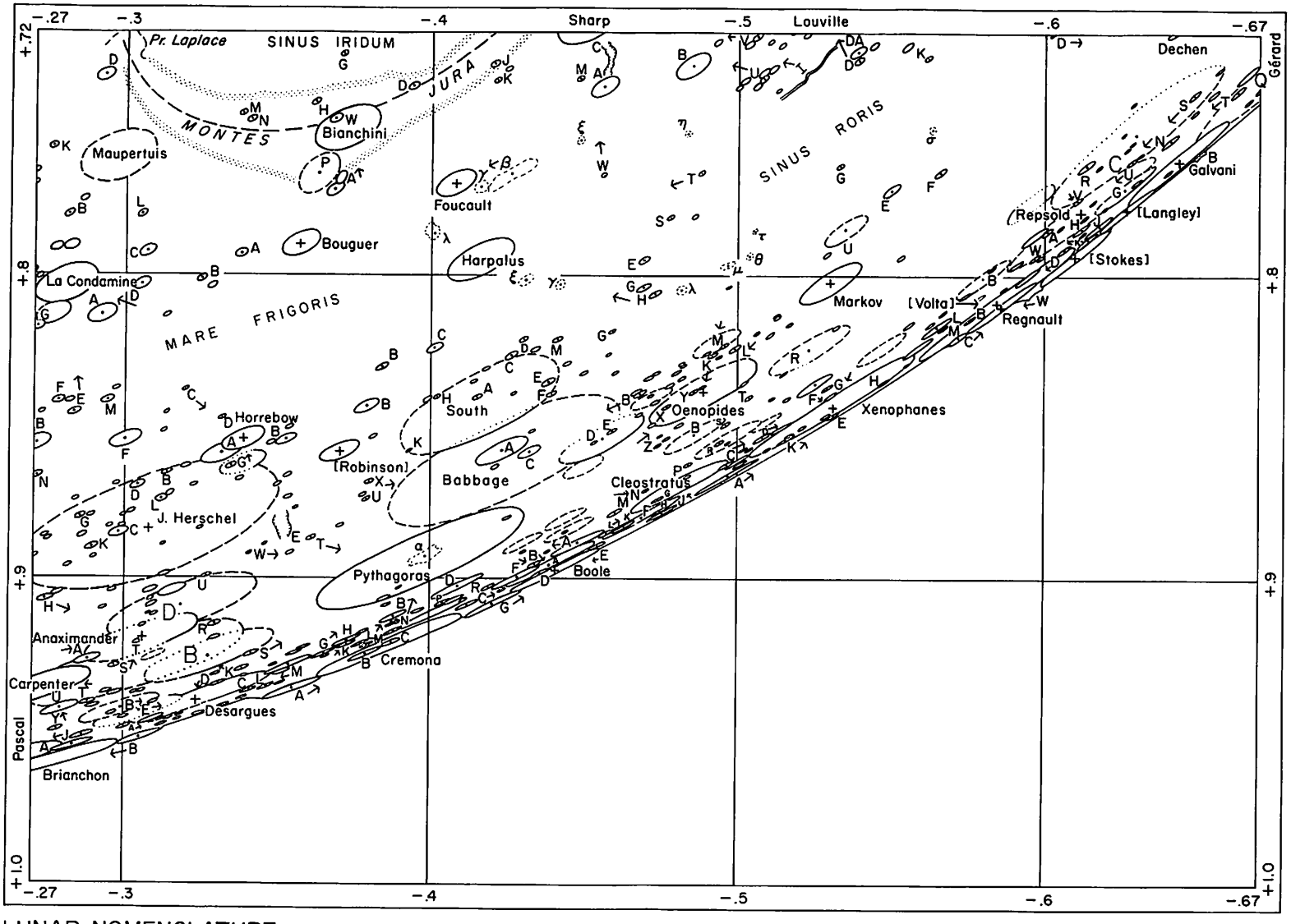


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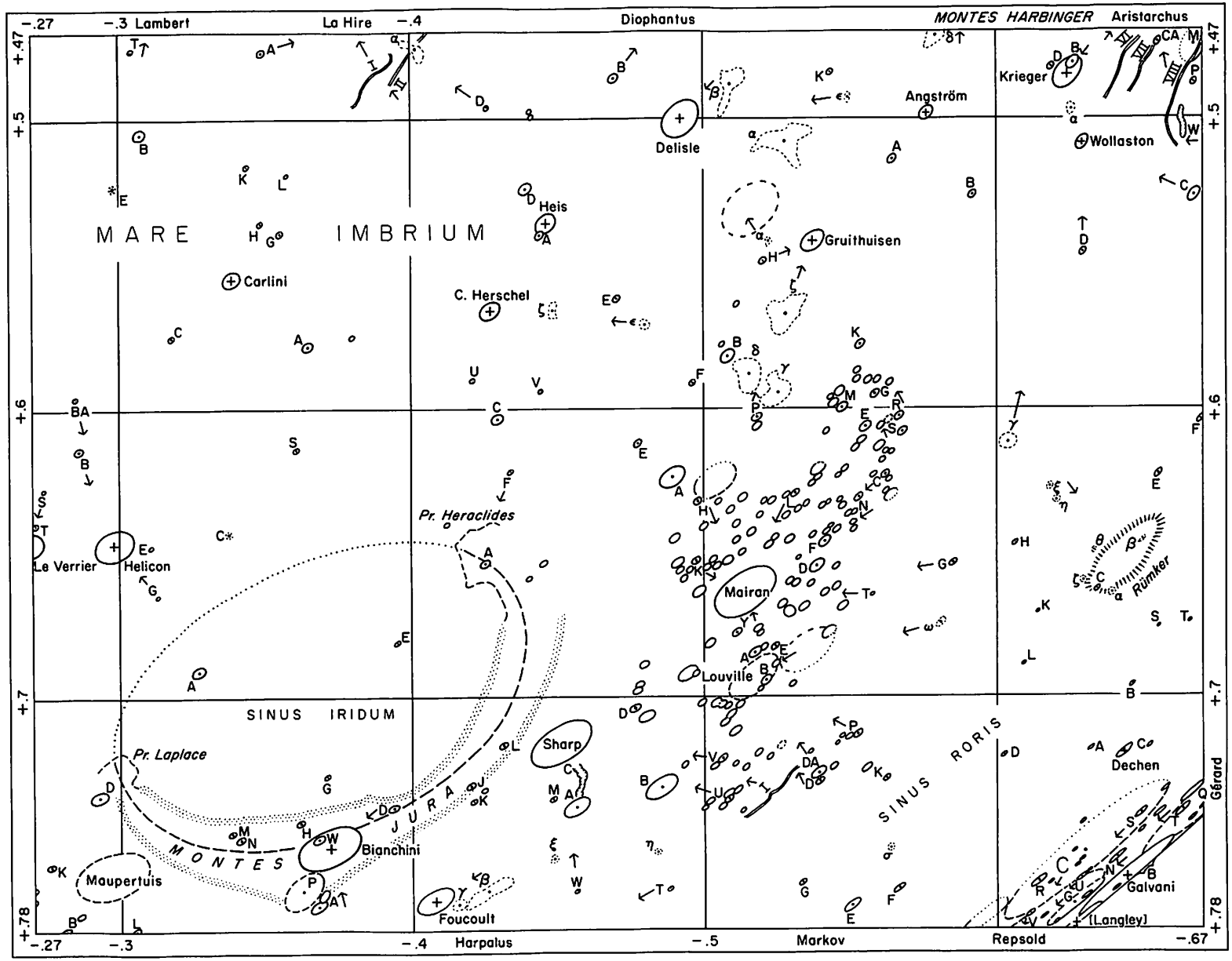


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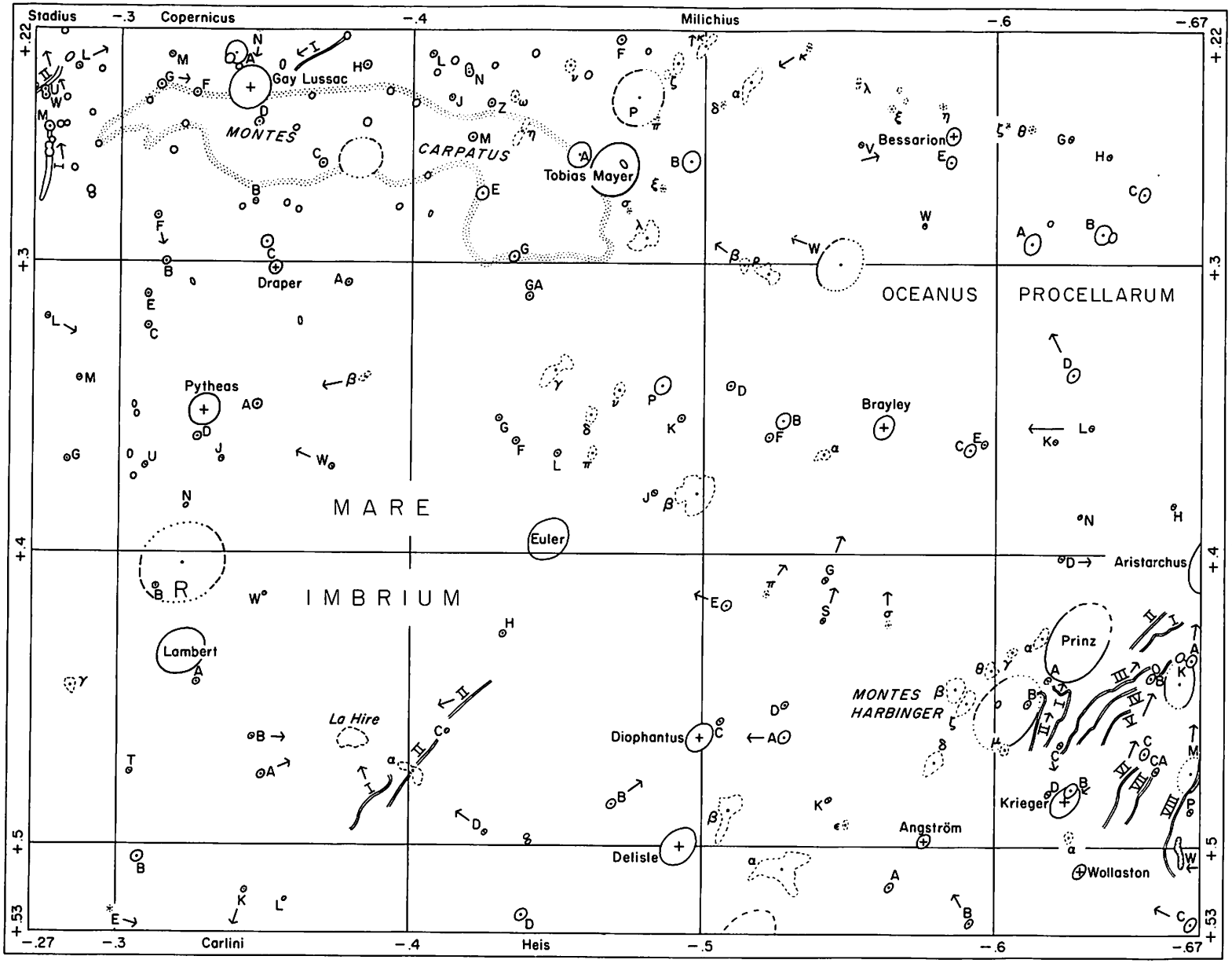


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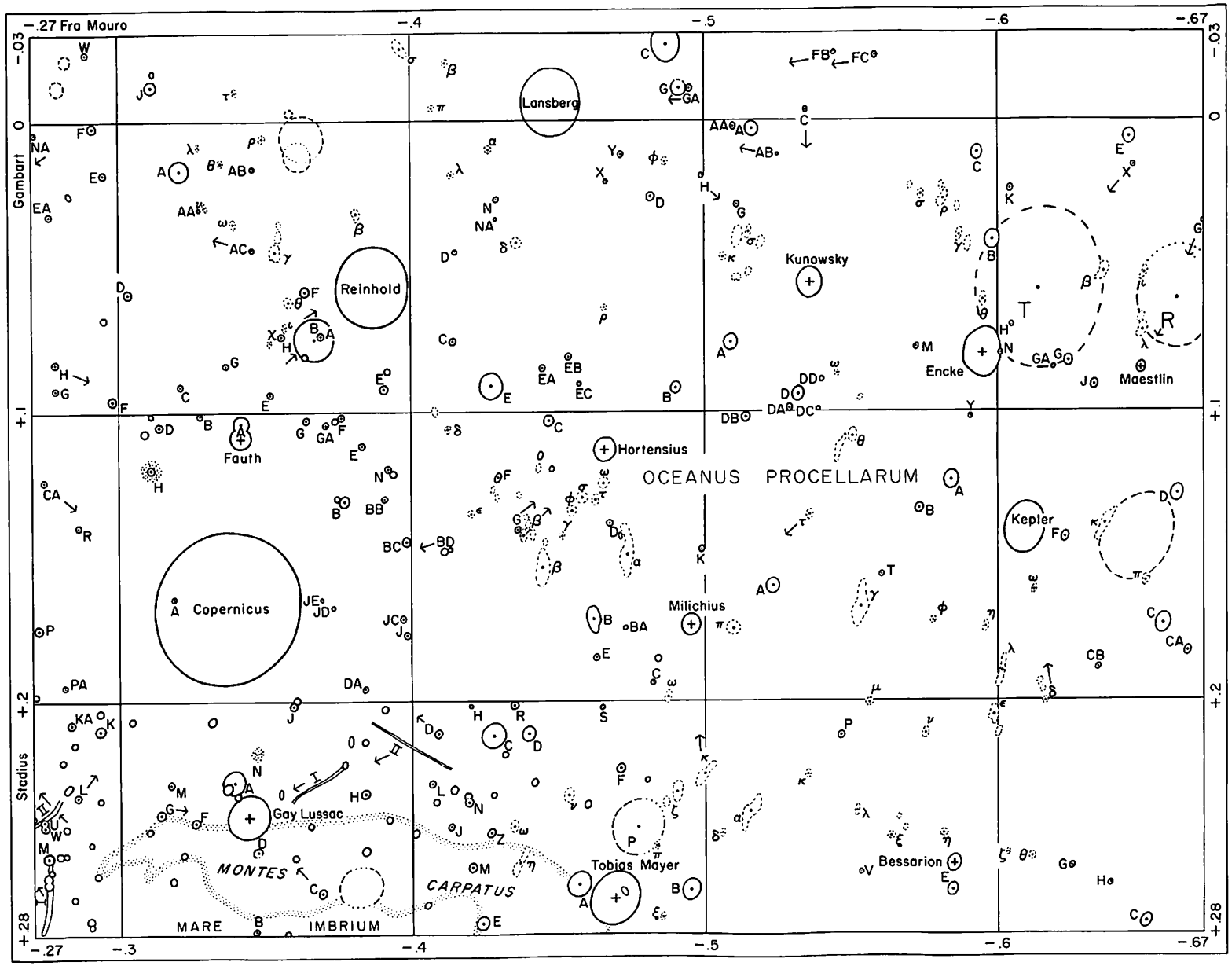


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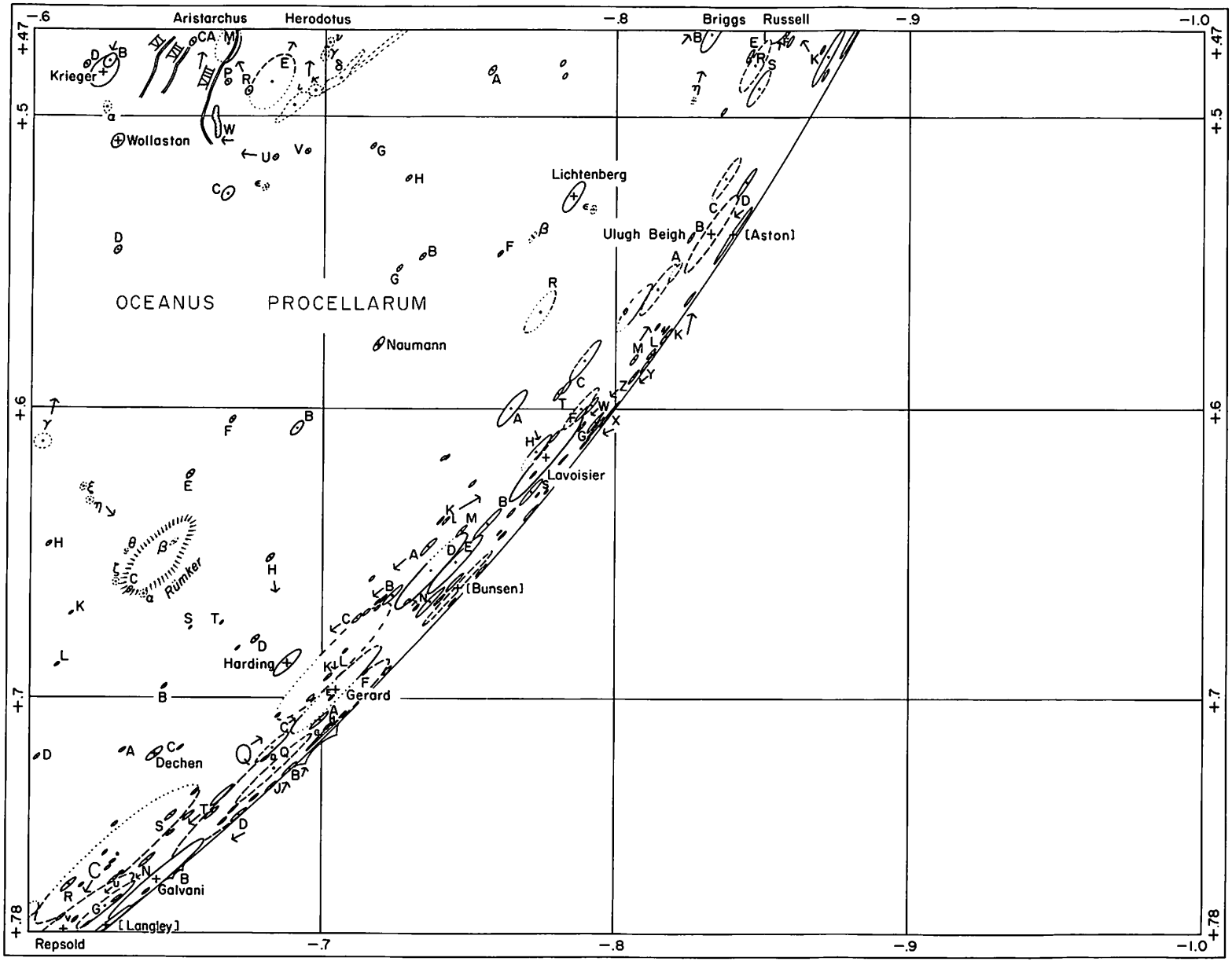


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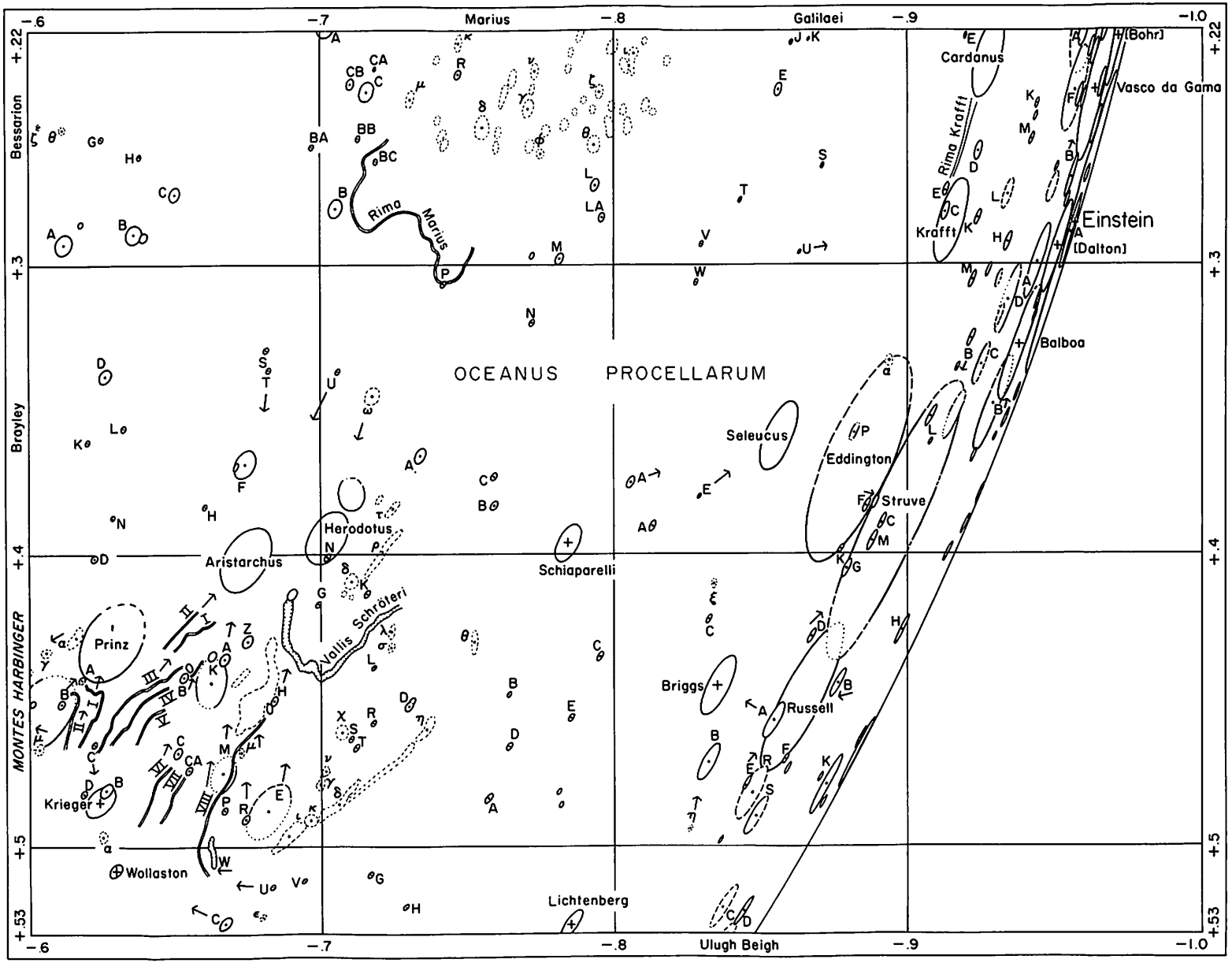


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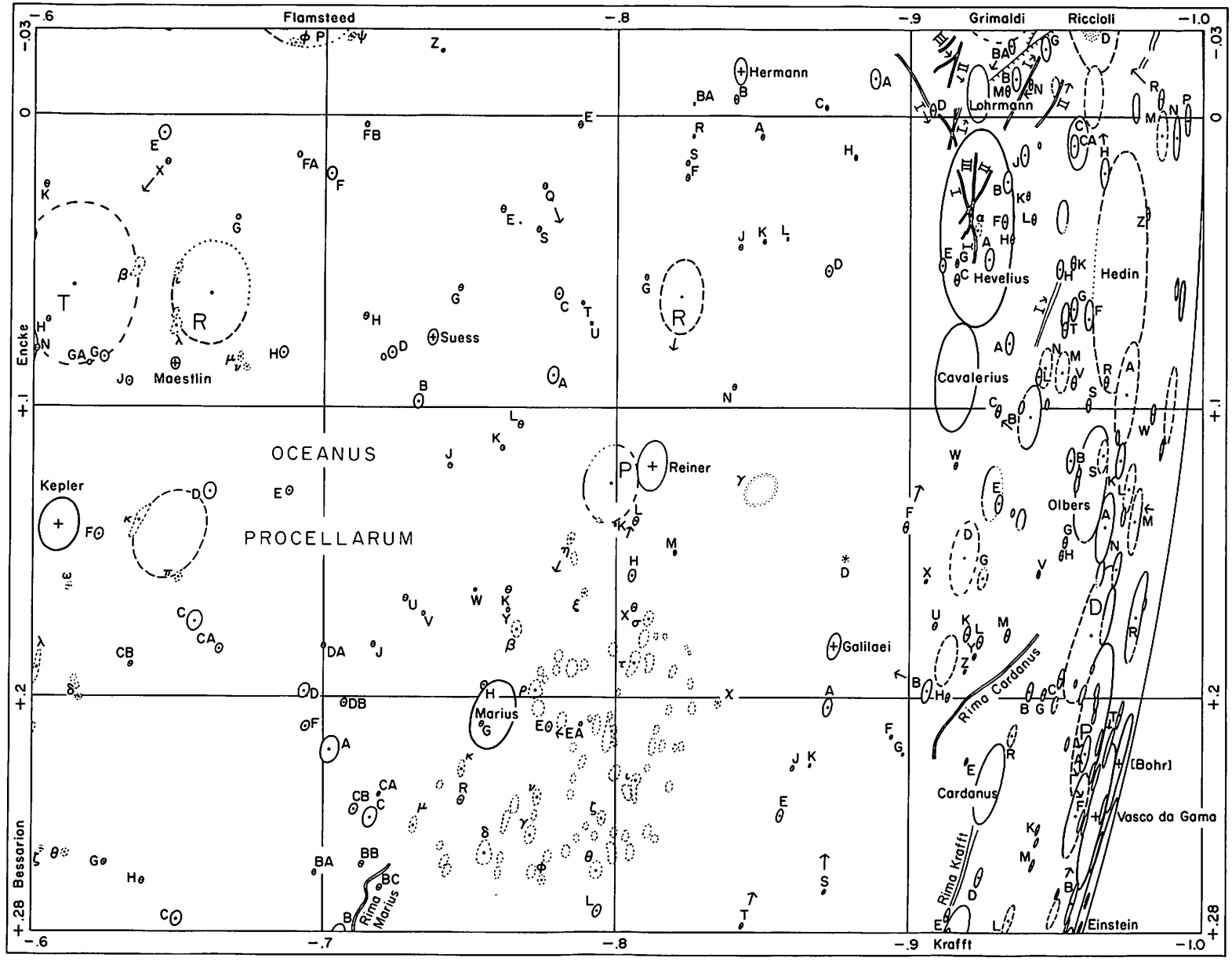


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