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.

Author

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	ξ	η	ζ	λ	β	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 1.44	3.63 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 12.33	27.71 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	ξ	η	ζ	λ	β	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 2.26	7.46 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 921	Aristillus B	.027	.570	.821	1.9	34.8	4.72	8.20	1	pM	0

Ref.	B & M	Designation	ξ	η	ζ	λ	β	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 2.24	7.07 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 4.77	5.06 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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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 2.24	6.40 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	ξ	η	ζ	λ	β	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 2.19	2.07 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 2.62	6.34 4.55	3	pM	0
21197			.196	.177	.964	11.5	10.2	2.30 1.49	4.00 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

ξ	η	ζ	λ	β	D	K	C	B	C.E.
-.188	+.808	+.558	-18.6	+53.9	2.51	4.36	2	C	0
.188	.803	.566	18.4	53.4	2.50	4.35	2	C	0
.185	.829	.528	19.3	56.0	3.94	6.85	1	C	0
.184	.881	.436	22.9	61.8	7.88	13.70	2f	pM	0
.183	.887	.424	23.3	62.5	9.91	17.23	2f	aMC	0
.199	.800	.566	19.4	53.1	5.69	9.89	3	C	0
.191	.803	.565	18.7	53.4	3.91	6.80	3	C	0
.193	.805	.561	19.0	53.6	3.35	5.82	1	C	0
.192	.826	.530	19.9	55.7	3.98	6.92	2	C	0
.199	.827	.526	20.7	55.8	2.95	5.13	3	C	0
.198	.824	.531	20.5	55.5	2.02	3.51	2	C	0
198	.840	.505	21.4	57.1	2.38	4.14	1	pM	0
199	.894	.401	26.4	63.4	3.44	5.98	2	pMC	0
197	.896	.398	26.3	63.6	3.10	5.39	1	C	0
106	.916	.387	15.3	66.3	2.12	3.68	2	C	0
06	.924	.367	16.1	67.5	12.25	21.29	1	C	0
07	.938	.330	18.0	69.7	3.03	5.27	2	C	0
04	.954	.281	20.3	72.6	28.33	49.24	4	C	pp?
02	.951	.292	19.3	72.0	5.32	9.25	1	C	0
8	.957	.269	21.9	73.1	5.44	9.46	2	C	0
7	.963	.247	23.4	74.4	3.31	5.75	2	C	0
5	.972	.210	26.8	76.4	25.72	44.71	3	C	0
	.990	.095	47.5	81.9	13.26	23.05	3	C	0
	.917	.382	16.6	66.5	3.78	6.57	1	C	0
	.927	.356	18.2	68.0	3.95	6.87	1	C	0
	.937	.331	18.7	69.6	7.08	12.31	2	C	0
	.984	.138	39.4	79.7	9.55	16.60	1	C	0
	.993	.043	68.6	83.2	7.96	13.84	2	C	0
	.924	.362	18.8	67.5	2.87	4.99	2	C	0
	.942	.313	21.3	70.4	7.21	12.53	3	C	0
	.956	.263	26.1	72.9	2.47	4.29	3	C	0
	.962	.242	27.5	74.2	56.76	98.66	4	C	0
	972	.200	31.9	76.4	17.68	30.73	4	C	0
	974	.188	34.1	76.9	3.64	6.33	1	C	0
	980	.152	40.0	78.5	11.25	19.55	1	C	0
	985	.115	48.4	80.1	9.69	16.84	1	C	0
	91	.055	65.7	82.3	10.67	18.55	1	C	0
	92	.018	82.0	82.7	33.60	58.40	2	C	?
	22	.362	20.7	67.2	2.77	4.81	1	C	0
	0	.201	34.3	75.9	8.39	14.58	3	C	0
	0	.413	18.7	64.2	3.50	6.08	1	C	0
	2	.406	19.8	64.4	2.34	4.07	2	C	0
		.319	24.2	69.6	6.18	10.74	2f	C	0
		.331	23.2	68.9	60.98	105.99	4f	C	0

		D	K	C	B	C.E.
	2	16.28	28.30	4f	aM	0
	3	1.67	2.90	2	pM	0
	.7	2.65	4.61	1	pM	0
	.9	2.46	4.28	1	pM	0
	.1	3.07 1.78	5.34 3.09	3	pM	0
	6.0	2.08	3.62	1	C	0
	8.8	1.97	3.42	2	pM	0
	3.9	1.98	3.44	2	C	0
	25.0	1.55	2.69	1	C	0
	25.5	2.27 1.77	3.95 3.08	2	C	0
	24.1	4.30	7.47	2	C	0
	27.8	2.04	3.55	1	C	0
	27.7	2.33	4.05	2	C	0
	29.1	1.98	3.44	1	pM	0
	27.2	2.21	3.84	1	C	0
	25.4	2.23 1.24	3.88 2.16	2	pMC	0
0	25.7	1.98	3.44	1	pMC	0
0	27.1	5.84	10.15	1	pMC	0
5	27.3	5.78	10.05	1	pM	0
.5	29.9	1.48	2.57	1	pM	0
.0	23.8	1.57	2.73	2	pM	0
.1	27.8	2.98	5.18	1	pM	0
.1	32.7	3.96	6.88	1	pM	0
3.0	31.0	1.61	2.80	1	pM	0
8.8	32.8	3.76	6.54	1	pM	0
8.7	33.2	1.93	3.35	1	pM	0
8.1	37.3	1.69	2.94	1	pM	0
9.9	39.6	2.03	3.53	1	pM	0
10.2	42.1	1.98	3.44	1	pM	0
10.3	42.9	5.48	9.53	1	pM	0
10.5	43.4	1.95	3.39	1	pM	0
11.3	43.4	3.52	6.12	1	pM	0
12.1	41.5	1.83	3.18	1	pM	0
12.3	39.7	5.25	9.13	1	pM	0
12.8	40.1	2.92	5.08	1	pM	0
13.1	37.2	2.00	3.48	1	pM	0
13.9	39.3	1.88	3.27	1	pM	0
14.2	37.8	1.83	3.18	1	pM	0
9.5	49.2	3.78	6.57	2	C	0
9.6	49.3	4.11	7.14	2	C	0
10.4	46.6	2.14	3.72	1	pM	0
12.7	52.9	6.07	10.55	4	C	0
13.9	51.7	2.12	3.68	1	C	0
13.6	52.9	13.64	23.71	2	C	0

Ref.	B & M	Designation	ξ	η	ζ	λ	β	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 3.05	8.41 5.30	3	C	0

Ref.	B & M	Designation	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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 1.86	4.90 3.23	2	pM	0
22008			.206	.084	.975	11.9	4.8	2.88 1.79	5.01 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 1.83	4.68 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 1.65	3.77 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 1.83	4.12 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 2.79	3.11 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 2.24	5.53 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 3.98	4.55 6.92	3	pM	0

Ref.	B & M	Designation	ξ	η	ζ	λ	β	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 1.64	3.55 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 1.39	4.68 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 2.20	6.57 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 2.49	6.41 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	ξ	η	ζ	λ	β	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 1.92	6.57 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	ξ	η	ζ	λ	β	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 4.33	10.55 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 7.24	8.27 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 6.29	8.07 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 6.12	6.22 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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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 1.46	3.60 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	ξ	η	ζ	λ	β	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 2.01	5.86 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	ξ	η	ζ	λ	β	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 1.76	6.24 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 1.53	4.05 2.66	2	pM	0
23305			.306	.353	.884	19.1	20.7	2.08 1.68	3.62 2.92	2	pM	0
23306			.303	.366	.880	19.0	21.5	2.98 1.89	5.18 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 1.19	3.62 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 1.27	4.99 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	ξ	η	ζ	λ	β	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 5.21	6.85 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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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 2.10	5.70 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 2.12	5.20 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 5.54	15.37 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 1.26	4.68 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	ξ	η	ζ	λ	β	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 1.01	4.03 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 1.76	5.49 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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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 7.41	6.85 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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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 8.24	8.24 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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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 3.05	3.93 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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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 13.50	20.46 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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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	ξ	η	ζ	λ	β	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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"	NA	22070
Gay-Lussac		23244
"	A	23232
"	B	23247
"	C	23266
"	D	23245
"	F	23224
"	G	23213
"	H	23283
"	J	23260
"	M	23212

Designation	Reference
Gerard	27609
" A	26790
" B	26782
" C	26781
" D	26782D
" E	27700
" F	27619
" G	27701
" H	27701A
" J	26783
" K	27609A
" L	27608
Gerard Q (Outer)	26782A
" (Inner)	26782B
Goldschmidt	20915A
" A	20915
" B	20934
" C	20934A
" D	20936
Gruithuisen	25534
" B	25508
" E	25650
" F	24599
" G	25559
" H	25524
" K	25557
" M	25640
" P	25610
" R	25660
" S	25660A
Harding	26688
" A	27634
" B	27626
" C	27617
" D	26677
" H	26685
Harpalus	24719
" B	23883
" C	24802
" E	24769
" G	24860
" H	24870
" S	24778
" T	24786

Designation	Reference
Hedin	29075
" A	29079
" F	29066
" G	29056
" H	29055
" K	29055A
" L	29048
" M	29058
" N	29048A
" R	29069A
" S	29069
" T	29057
" V	29059
" Z	29083
Heis	24543
" A	24544
" D	24532
Helicon	22694
" B	22681
" BA	22589
" E	23614
" G	23616
Heraclides A	24625
" E	23698
" F	24632
Hermann A	28040
" E	27080
" F	28022
" H	28081
" J	28044
" K	28054
" L	28054A
" R	28020
" S	28021
Hermite	20969
Herodotus	27309
" A	27336
" B	27358
" C	27357
" D	27435
" E	26488
" G	26491
" H	26485
" K	27411

Designation	Reference
Herodotus L	27413
" N	27400
" R	27415
" S	27416A
" T	27416
C. Herschel	24526
" C	24620
" E	24566
" U	24529
" V	24549
J. Herschel	23808
" B	23816
" C	22898
" D	23806
" F	22895
" G	22887
" K	22888
" L	23817
" M	22894
" N	22876
" P	22849
" R	22838
Hevelius	29023
" A	29024
" B	29032
" C	29015A
" D	28075
" E	29015
" F	29033
" G	29015B
" H	29034
" J	29031
" K	29042
" L	29043
Horrebow	23835
" A	23835A
" B	23855
" 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

Designation		Reference
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

Designation		Reference
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

Designation		Reference
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

Designation		Reference
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 ϵ.
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).

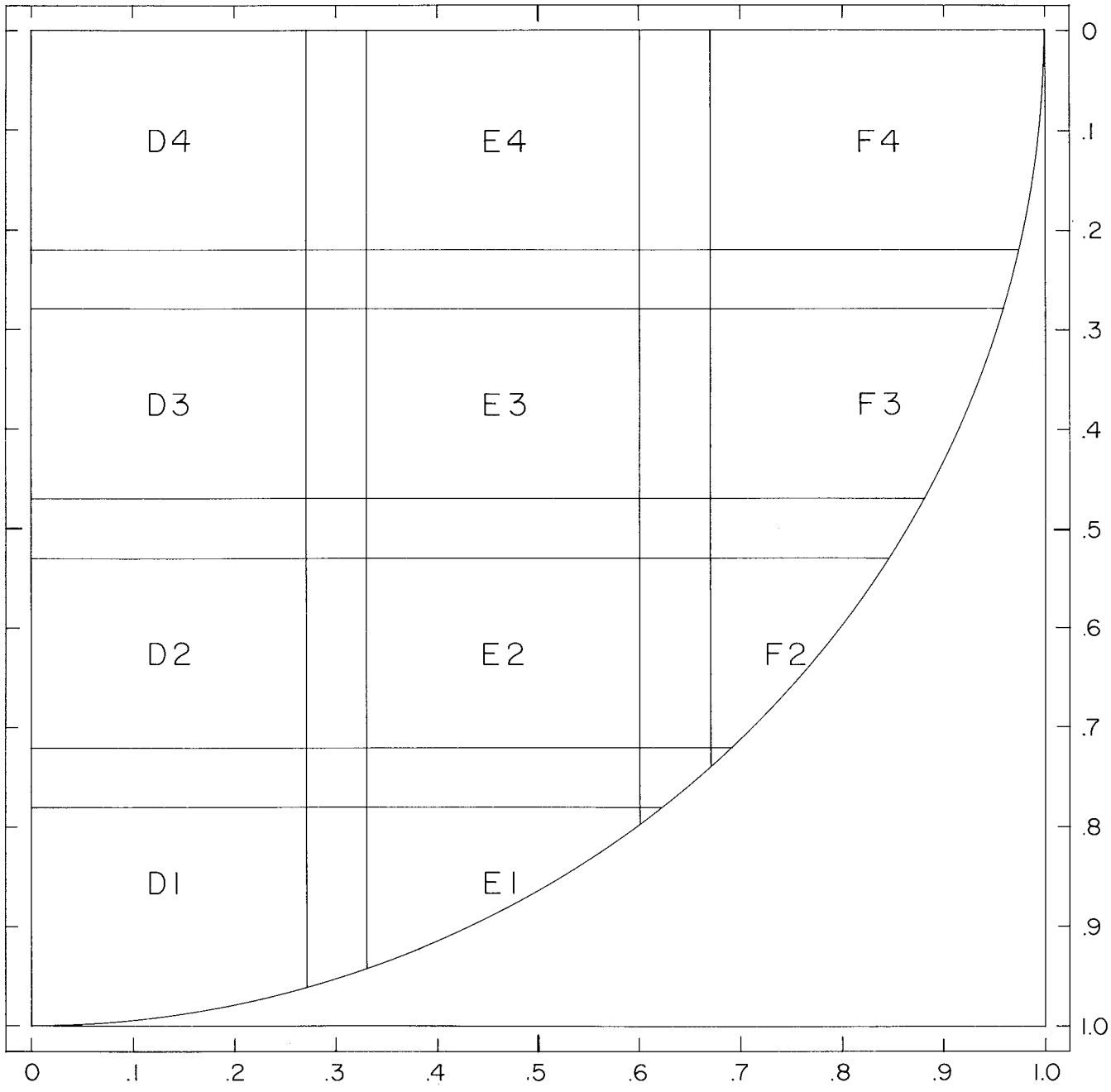
Ref.	Corrections
20790	Cancel. Existence doubtful.
22253B	Diameter should read 2.0.
22792	Cancel. Not suitable as standard point.
23232	Diameter should read 8.0.
23767	Diameter should read 6.7.
23817	Elliptical. The minor diameter is 5.2.
25091	Diameter should read 4.9.
28175	Galilaei D is a bright spot.

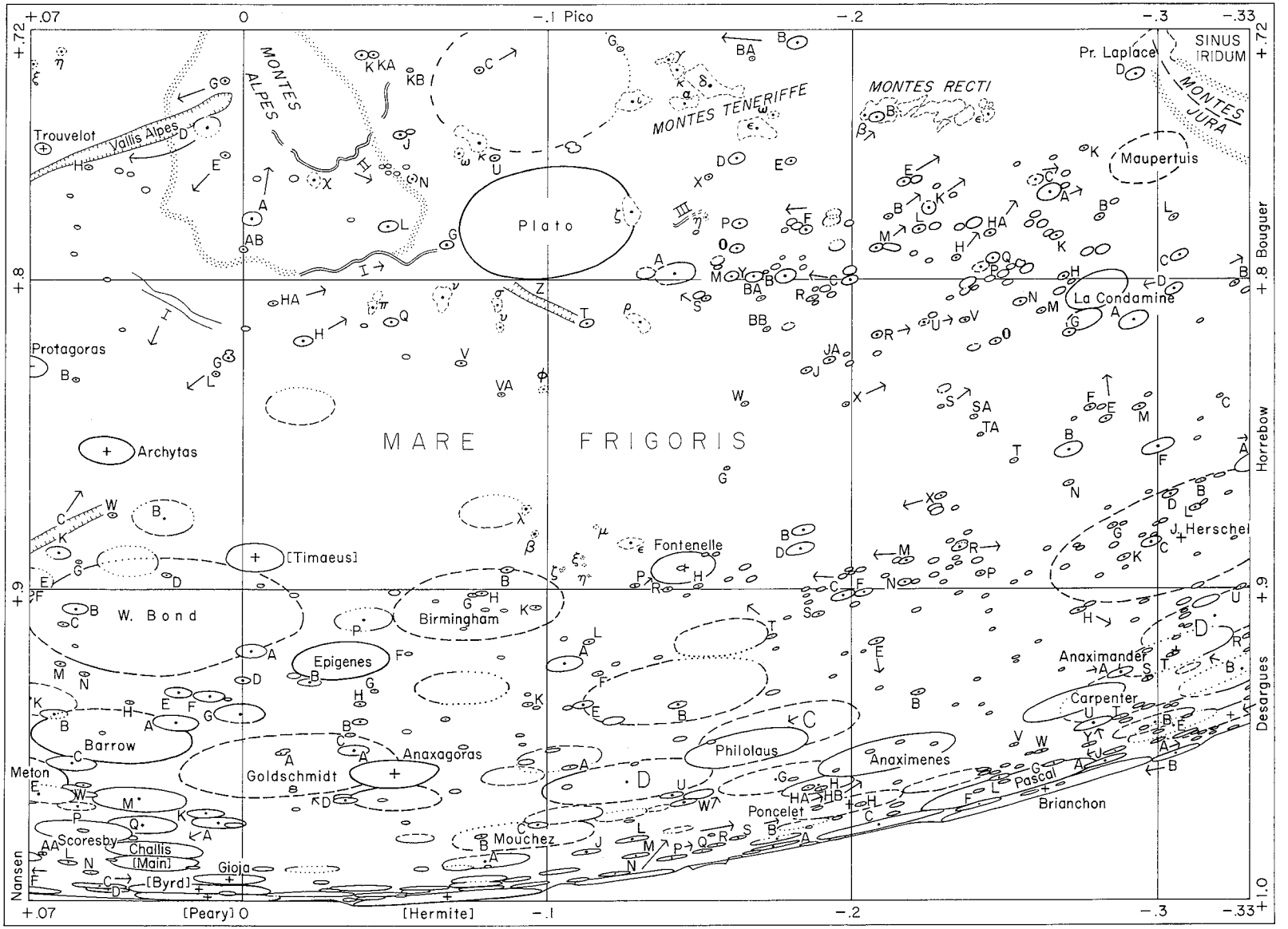
The following additions and corrections are applicable to Quadrant I of this catalog.

Ref.	B & M	Designation	ξ	η	ζ	λ	β	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 ϕ (within Aristoteles) should be θ.

MAP INDEX





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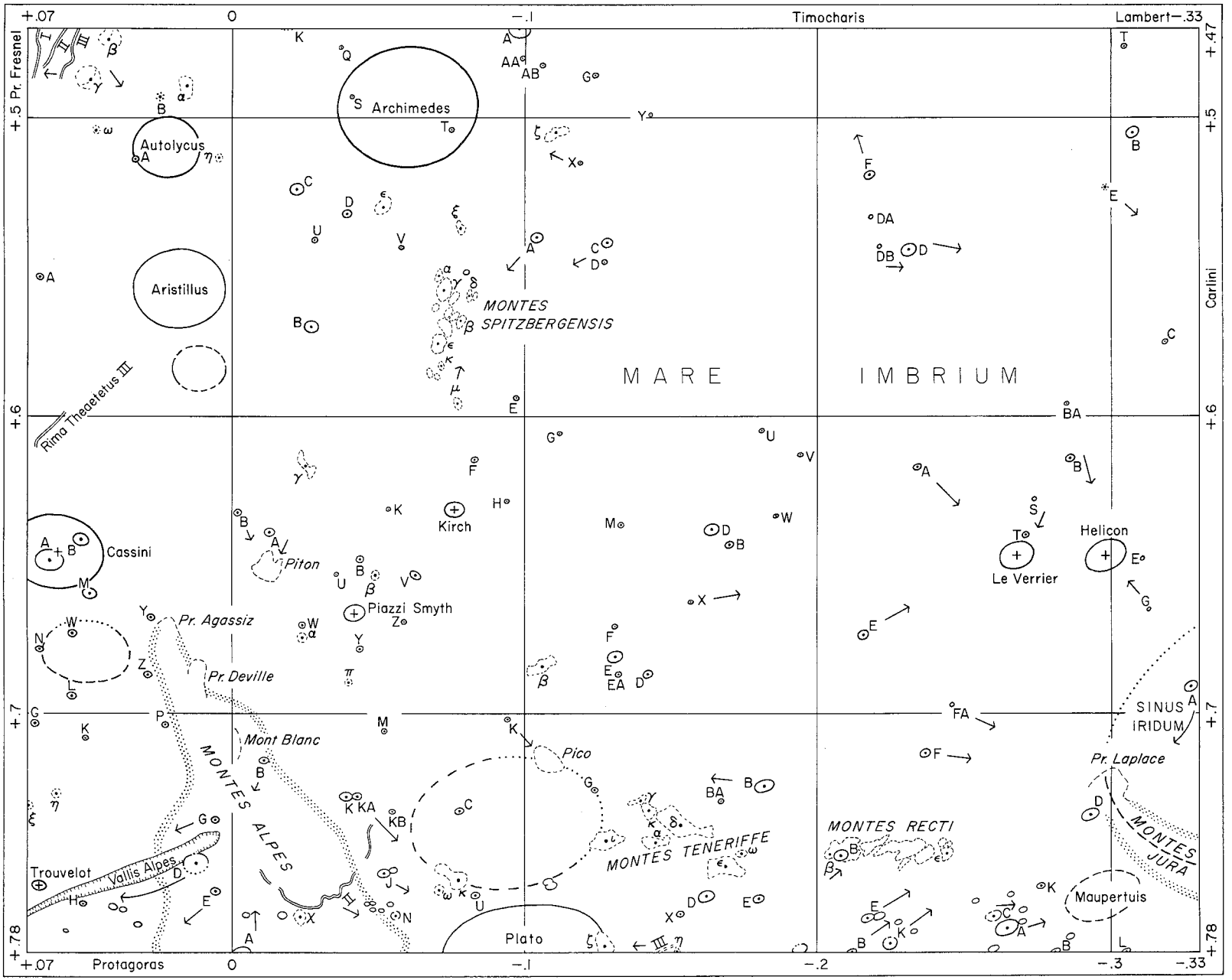

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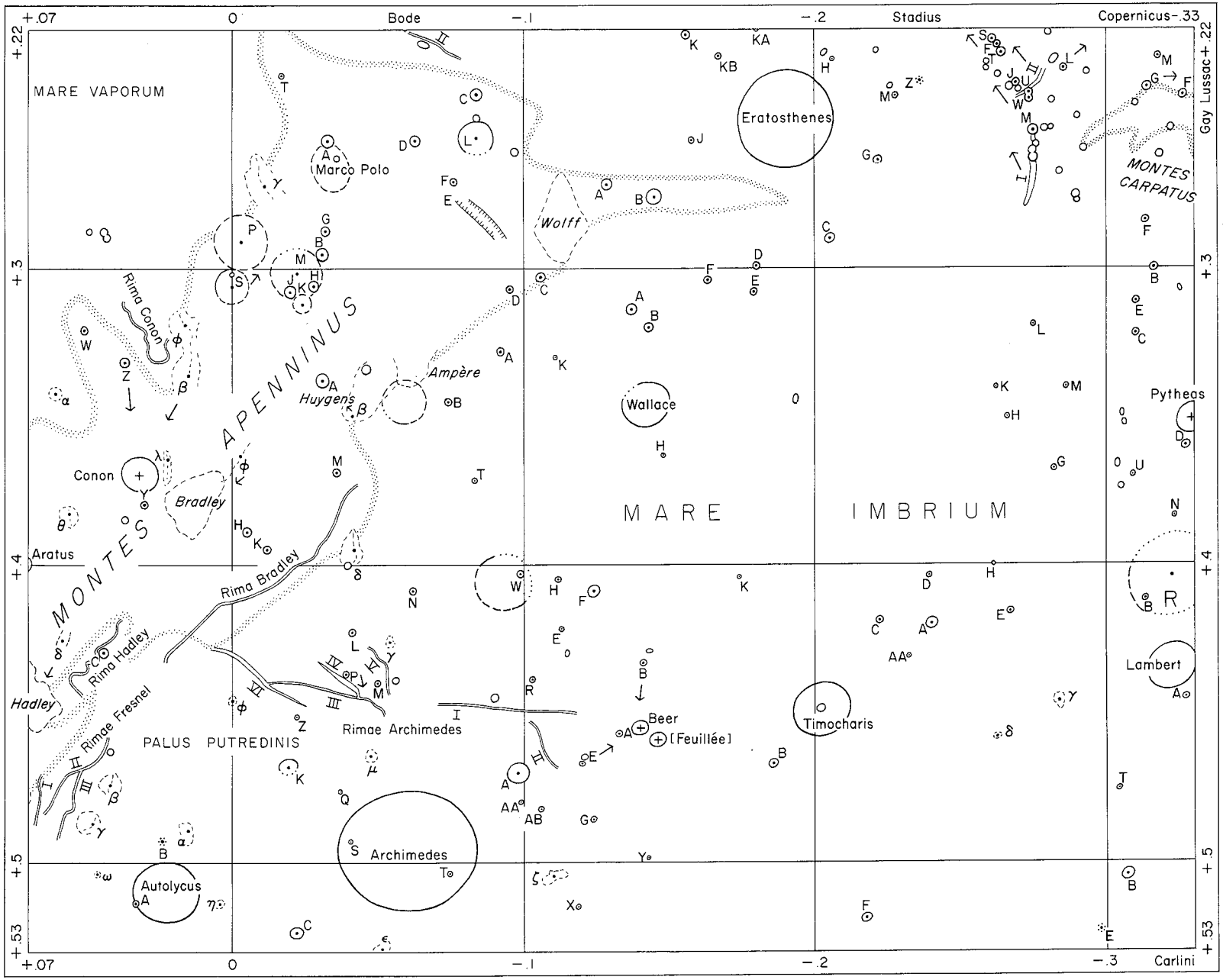

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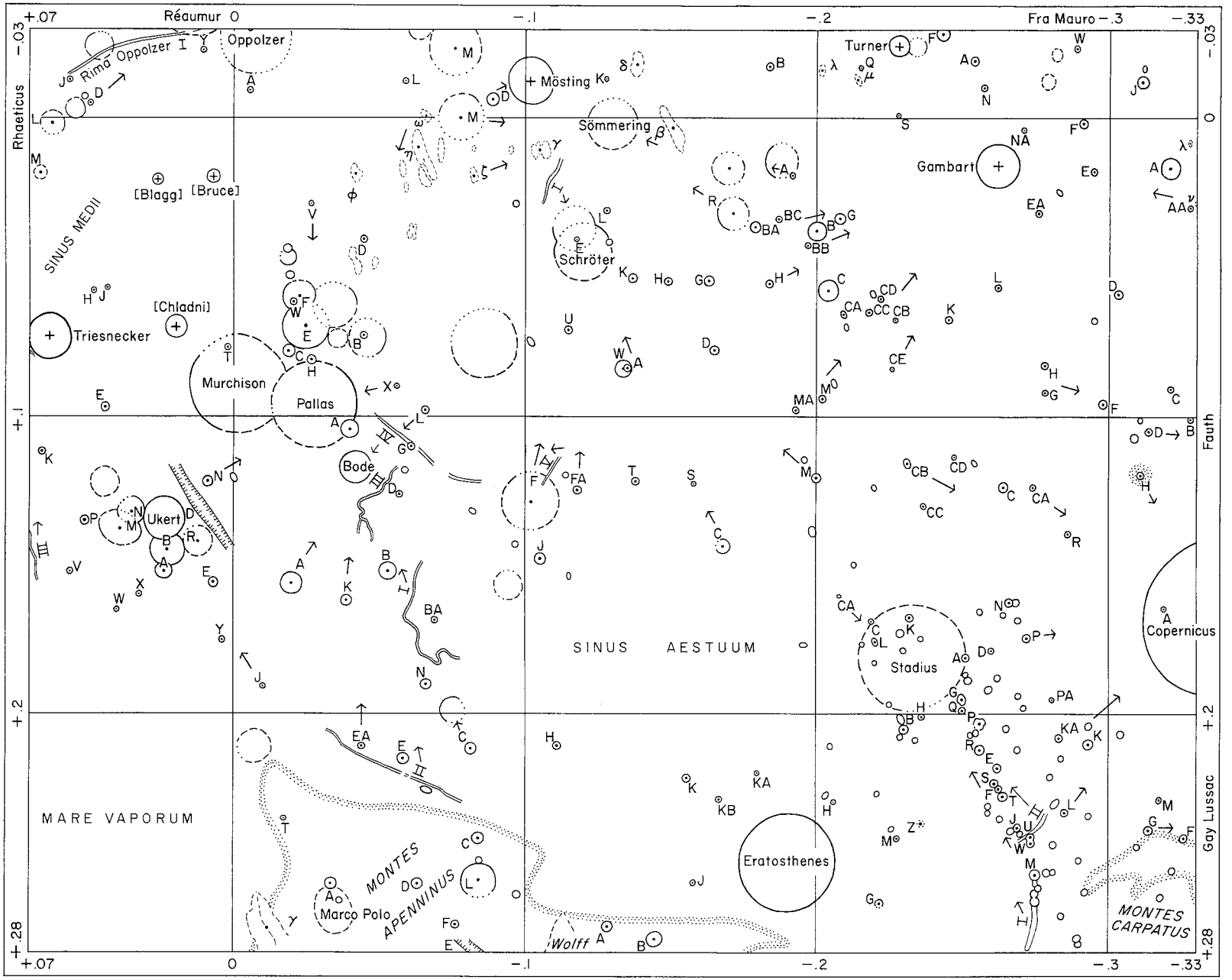

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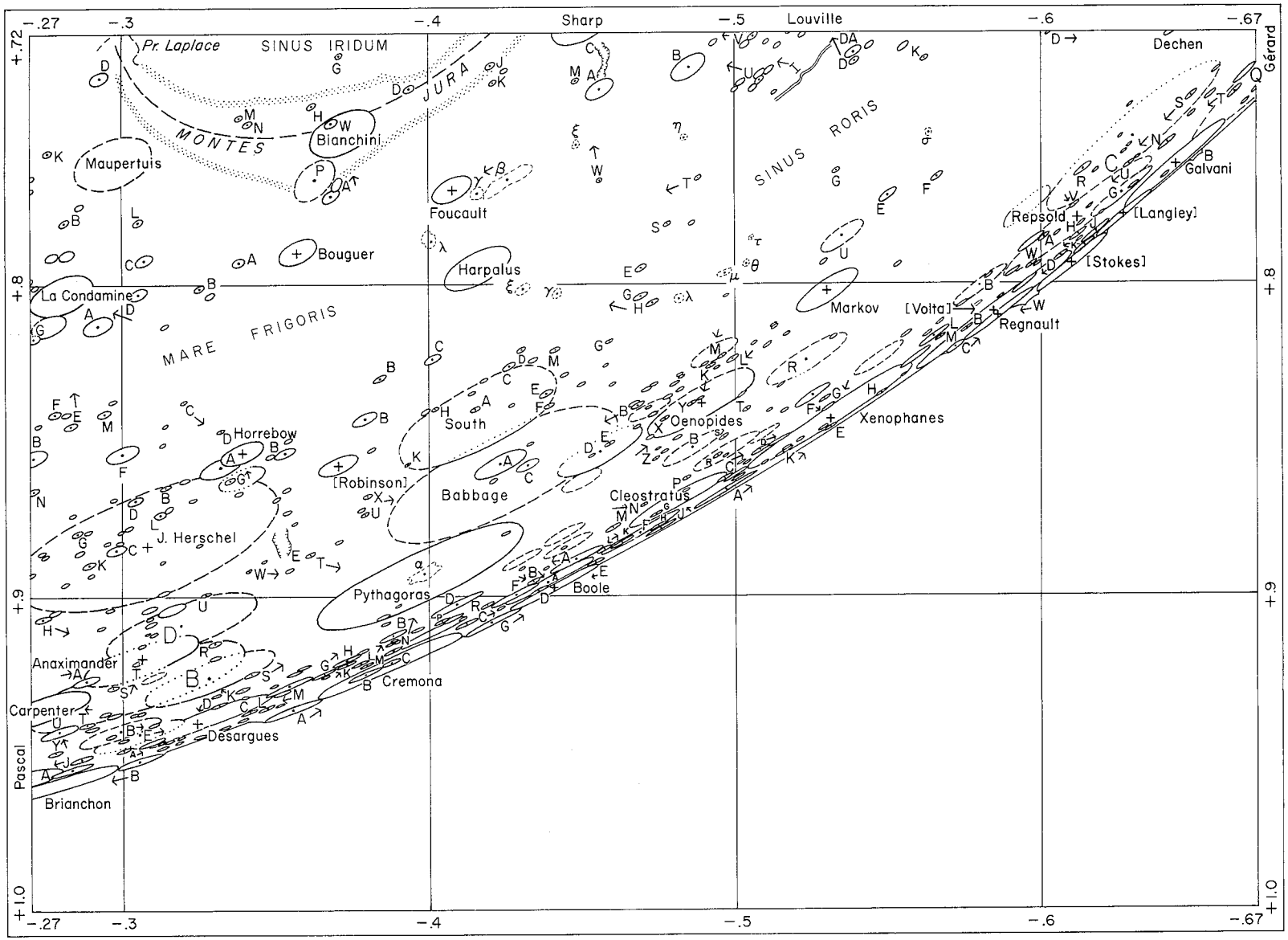

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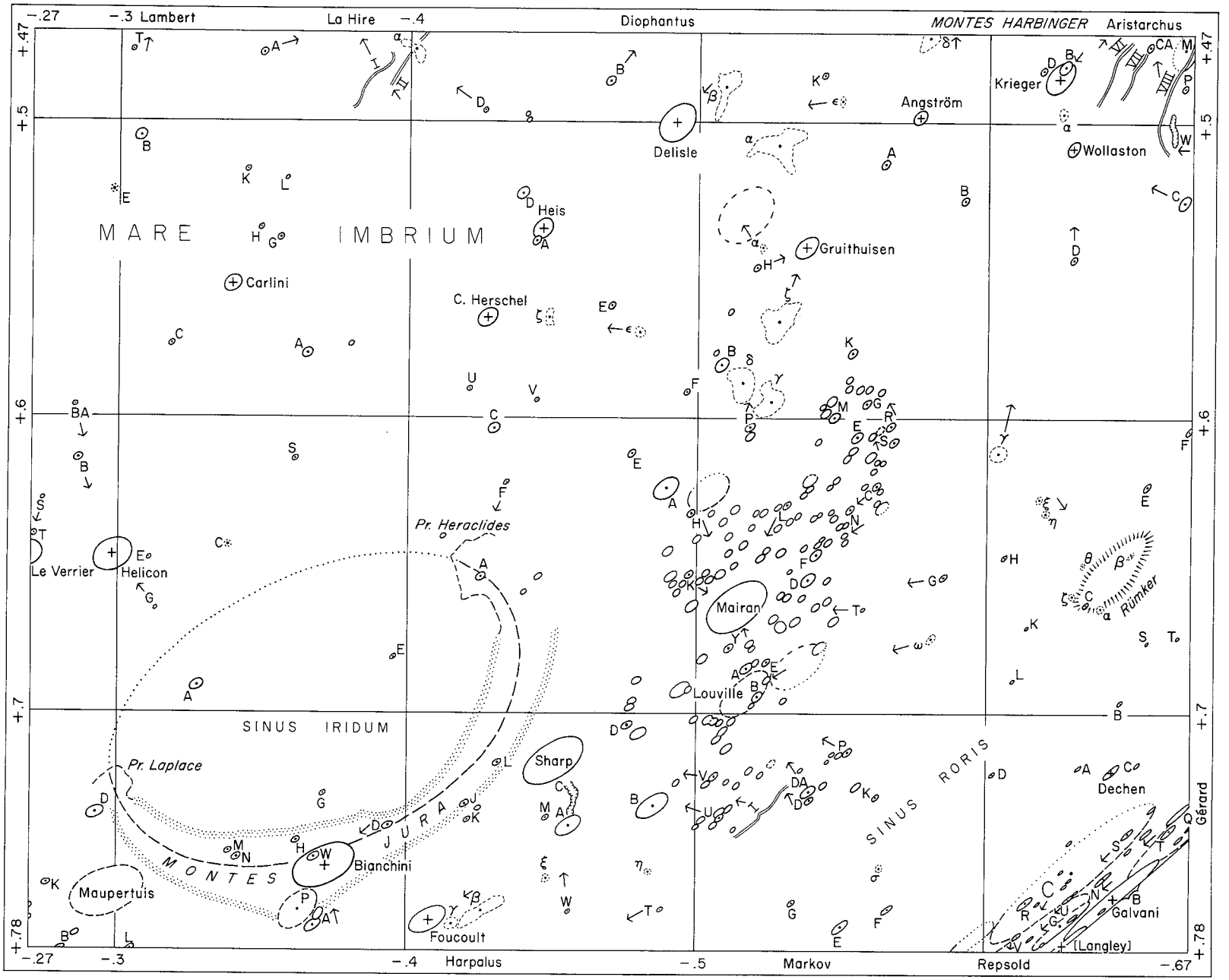

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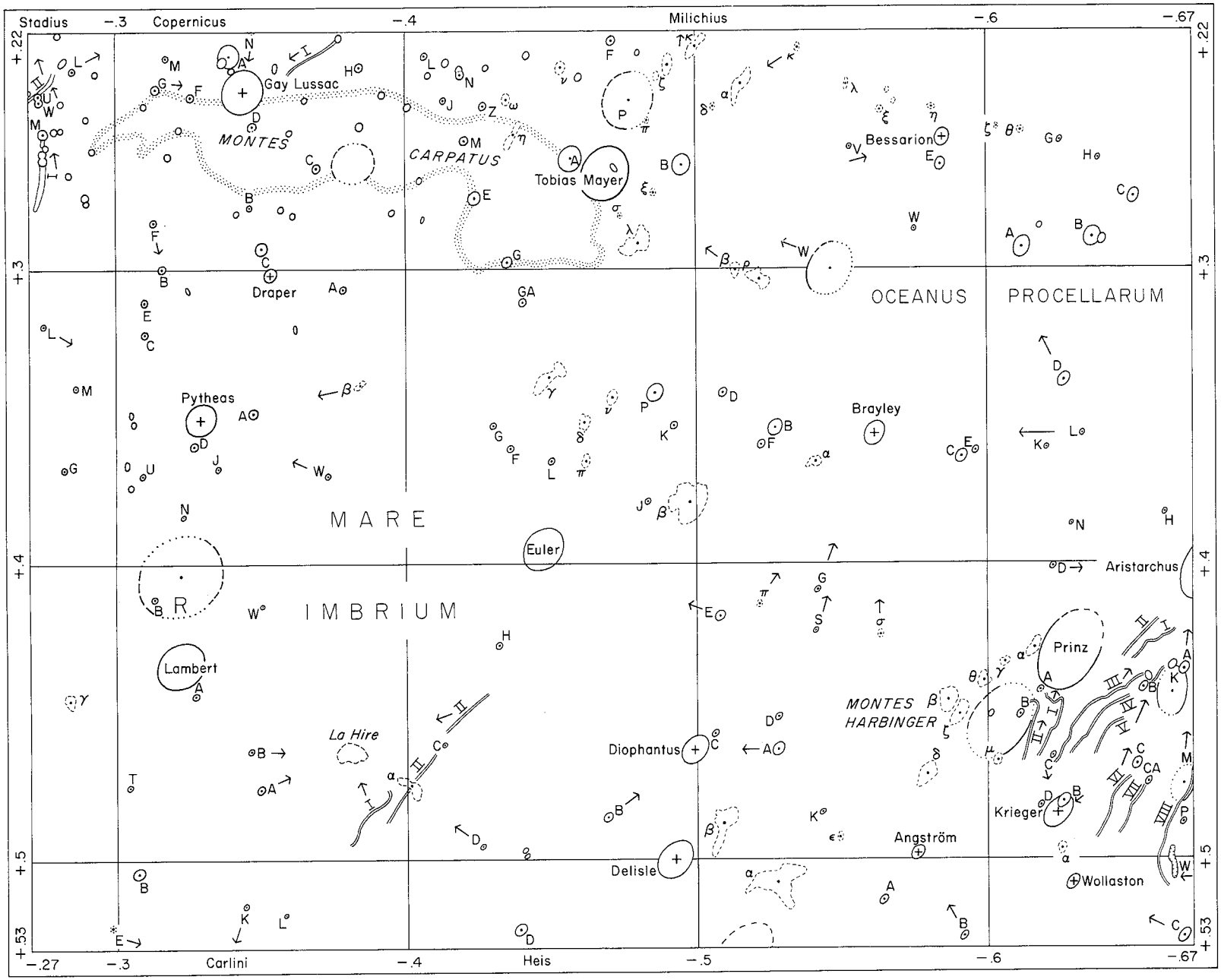

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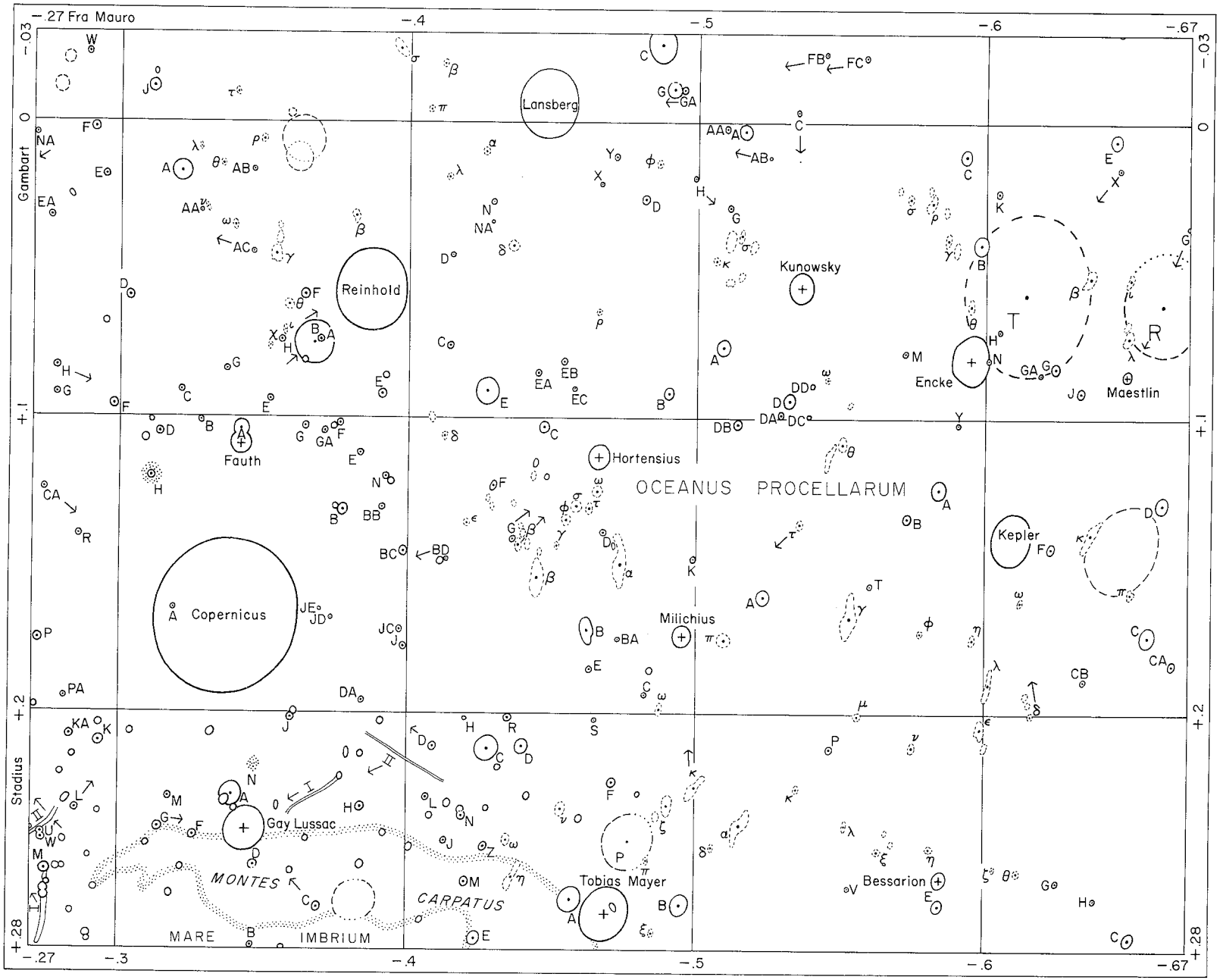

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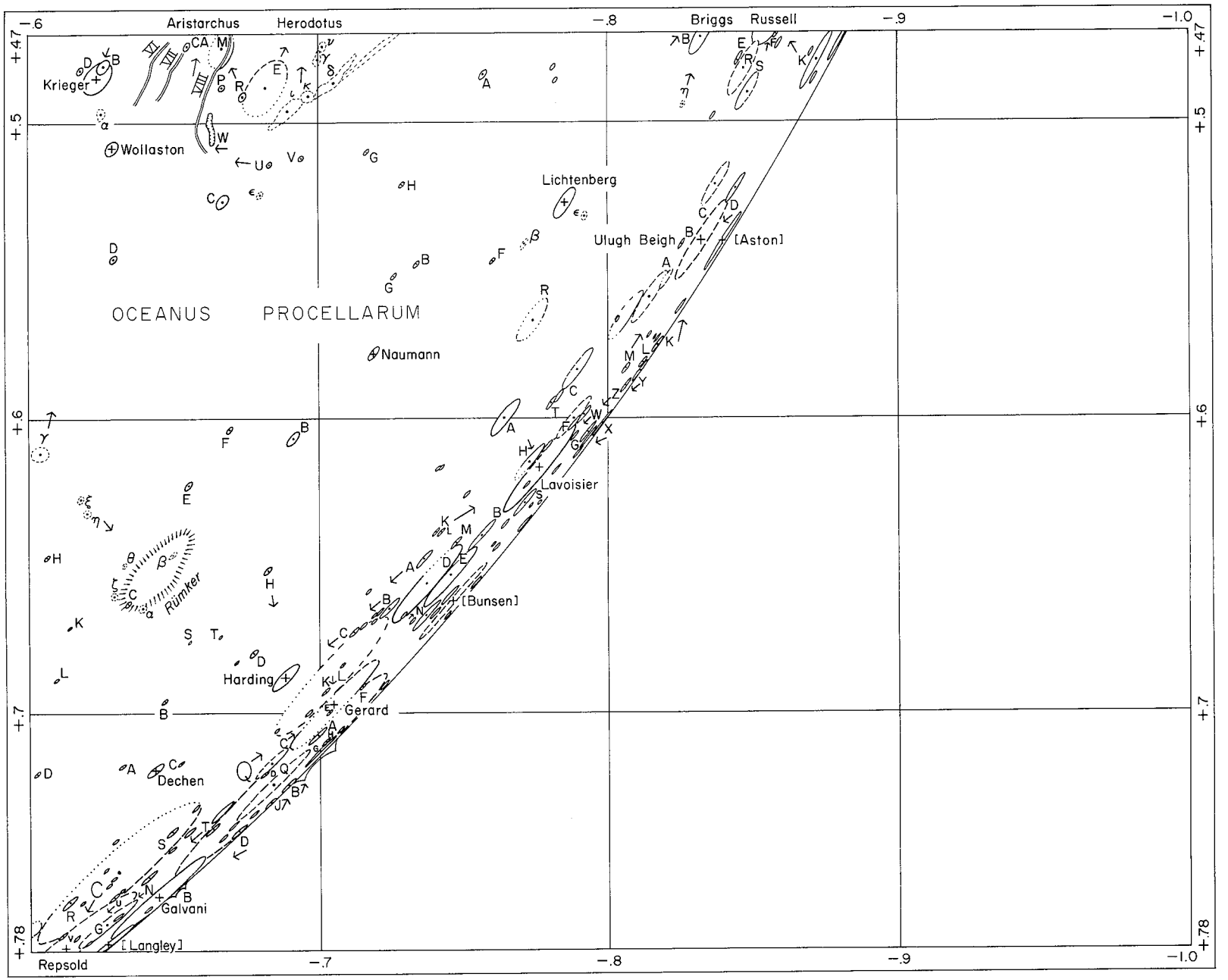

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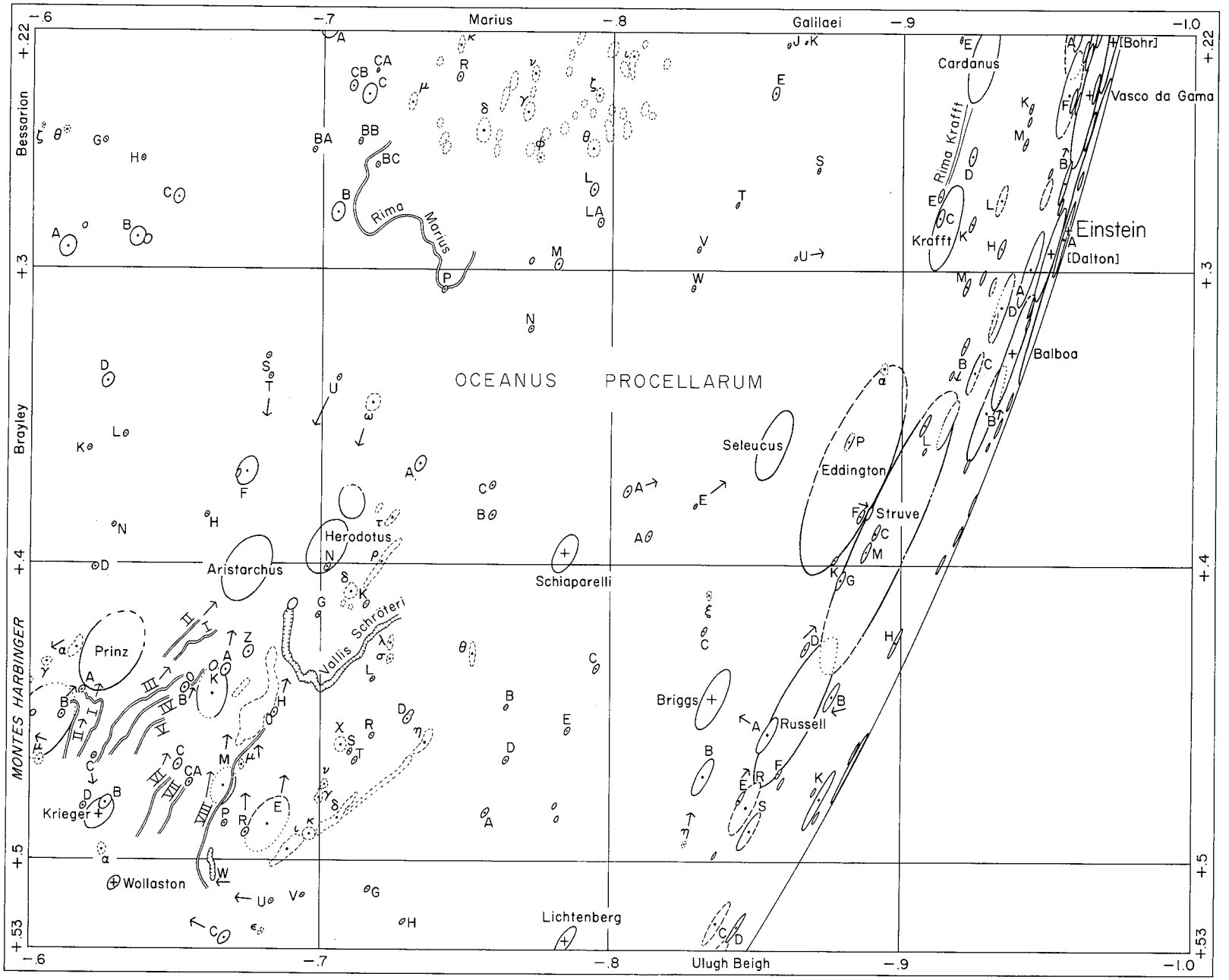

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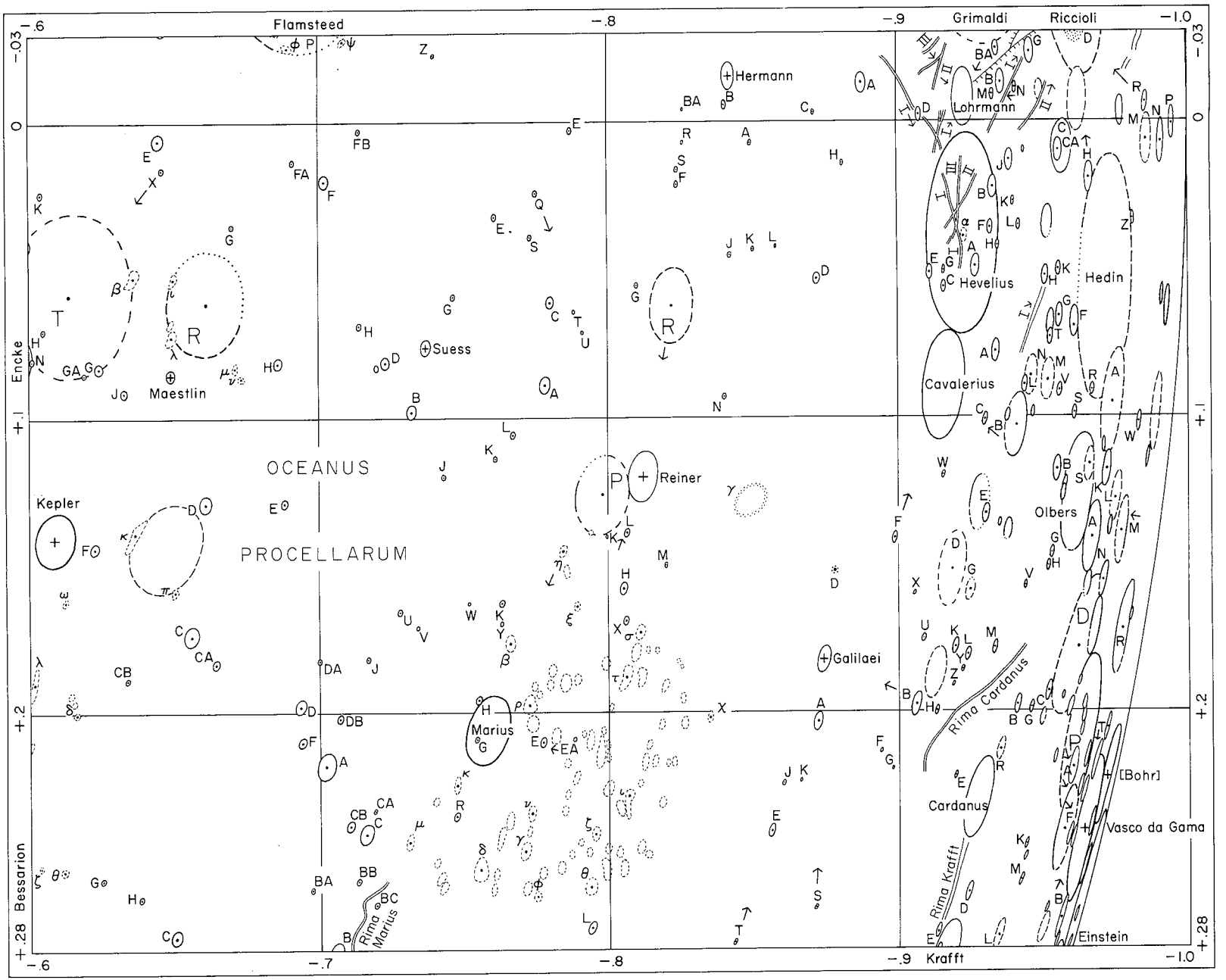

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