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# NAMED LUNAR FORMATIONS

by

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and

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*Drawn up by them for Commission 17 and  
approved at the Meeting of the Union held  
at Cambridge, Massachusetts in 1932.*



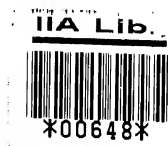
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## INTRODUCTION.

The desirability of uniformity in the nomenclature of lunar formations was brought before the Royal Astronomical Society by Mr. S.A. Saunder so long ago as 1905. Thereupon Prof. Turner brought up the matter before the Royal Society, and, as representing that body, before the International Association of Academies which met at Vienna in 1907. A Committee was appointed consisting of MM. Loewy (Chairman), Franz, Newcomb, Saunder, Weiss and Turner (Secretary). The name of Prof. W.H.Pickering was added - and after the death of M. Loewy, MM. Baillaud and Puiseux were added to the Committee. Before his death, Saunder had happily secured the co-operation of Miss M.A.Blagg in collating the names given to different formations in the maps of Beer and Madler, Schmidt and Neison. This was admirably carried out by Miss Blagg and a collated list was published in 1913 with the aid of a grant from the Academie des Sciences.

When the International Astronomical Union was constituted the question of Lunar Nomenclature was referred to Commission 17 consisting of Prof. Turner (President), Miss Blagg, MM. G. Bigourdan, W.H.Pickering and P.Puiseux. The Commission recommended that:-

- (1) The names in the collated list to be taken when the three authorities agree or from any one of them when the others give no name.
- (2) When different names are given, each case to be decided on its merits.
- (3) Names recently given and suggested names to be sparingly adopted.\*

\* Transactions of International Astronomical Union Vol. II p. 54.

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At the Leiden meeting in 1928, lists of 412 names where Mädlar, Schmidt and Neison agree, and of 95 names generally accepted, though not used by all three, were submitted by Miss Blagg and approved by the Commission. Lists of 26 doubtful or inconspicuous objects and of 31 formations where names clash, were left over for consideration. Also lists of names proposed by Krieger, Müller, Wilkins and Lamèch, were prepared by Dr. Muller - a most useful supplement to the "Collated List." At this meeting, Prof. E.W. Brown was elected as President of the Commission and a sub-Committee consisting of Miss Blagg and Dr. Müller was appointed to prepare a definitive list of names for submission at the next meeting.

At Dr. Müller's suggestion many small formations measured by Franz and Saunder were added to the "Collated List." These served the purpose of accurately defining the boundaries of larger formations. A number of indefinite objects were omitted. As regards the names given by later selenographers, those suggested by Fauth, Krieger, Müller, have been generally adopted, those by Lamèch more sparingly, but his suggestions are given in the notes. Wilkins' names in his earlier map (1924) were accepted but not the new ones in his 500-in. map.

The proposals of the sub-Committee were adopted by Commission 17 at Cambridge (Mass.) in 1932. At the General Assembly provision was made for the publication of this definitive list of adopted names.

These names should be strictly adhered to by selenographers. Those who may wish to add new names should ascertain from the list whether the proposed names have been already given to other formations. Also no new name should be given to a formation already named in the list.



Otherwise new confusions will arise similar to those which have with difficulty been cleared away.

The list has been reproduced by a photographic process, and the Commission is indebted to the Astronomer Royal for the preparation of the type-script at the Royal Observatory.

The Commission is deeply grateful to Miss Blagg and Dr. Müller for the large amount of time and thought they have given to this work. Constant correspondence on all points of difficulty has been made by the two compilers, and after interchange of tracings, arguments and measurements, an agreed decision has been reached. They have, as far as possible, kept in touch with other selenographers. As Chairman of the Commission, I have supported M. Lamèch's suggestion that the names of Blagg and Müller should be given to two lunar formations and over-ruled the objections made by Miss Blagg and Dr. Müller. I am confident the Commission will approve of my action.

At the same time our indebtedness to former members of the Commission should not be overlooked. In particular, Saunder and Turner initiated this work and it was largely through their indefatigable zeal and perseverance that it has been carried through.

F.W.DYSON.



## Explanation of Columns.

Col. I gives the number of the object in the Collated List. Gaps in the numbering indicate the rejection of indefinite or doubtful objects. Many rills are thus omitted. Where a formation not in that List is here included, a number followed by a small Roman letter is interpolated. Thus newly added formations are distinguished from the old. The introduction of a large number of the small formations measured by Saunder and Franz (about 80%) is considered to be justified by their importance as fixed points in the lunar disc. None are included which are not clearly visible in good photographs, or which are less in apparent diameter than  $1/500$  of the semi-diameter of the Moon's disc. We have also not included such of Franz's measured points as are entirely beyond the limb in mean libration. Where there were a number of measured objects near together we have given a few of the more conspicuous ones only. From Goodacre's newly lettered objects we have selected such as appeared clearly defined in photographs.

Col. II gives the chosen designation. In deciding on it we have tried to act in general accordance with the proposals approved by the Commission, on the following principles.

- (1) When a formation has a proper name already generally accepted this name is retained. Some other names are added which have been adopted or proposed by later selenographers; a few names of astronomers now living being included in appreciation of their work in connection with the Moon. Other proposed names, though not adopted, are mentioned in notes.
- (2) In regard to names, letters or prefixes which

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clash, we have in the main chosen the earlier given name or letter, adopting the order as follows:-  
Mädler, Neison, Schmidt, Lohrmann, Gaudibert, Elger, Fauth, Pickering, Franz, Goodacre, Krieger-König, Debes, Wilkins, Andel, Lamèch; and we have chosen that prefix which appeared the most reasonable. The last point is important in view of the possible future delimitation of areas. Mountain names, such as 'Alps', are here given in English, but would be used by each astronomer in his own language.

(3) In accordance with the Report accepted at Leiden, eminences are given small Greek letters only, and depressions (Craters, valleys etc.) capital Roman letters only. To avoid duplication of letters under any individually named formation, we have (a) when it could reasonably be done, changed the prefix-name for one of the duplicated letters, or (b) when that could not reasonably be done, changed one of the letters themselves. Such changes are noted. When a large number of new letters come under any named formation, the alphabetical order of our new letters usually follows the plan of Saunder's catalogue. In a few cases two letters are used (as AA, AB) when the new crater is a small one adjacent to the larger one bearing the first of the two letters. It is suggested that selenographers who wish to distinguish some other small object near to a lettered one should act similarly, but use a small Roman letter (as Aa) to show that the object is not in this List. Rills have Roman numbers, followed by r, as Ir, IIr.

(4) The prefixes are given in abbreviated forms of 2 to 6 letters using the first 2 or 3 letters of the name, followed if needful by later ones, not always those next

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succeeding, in such a way as to suggest the particular name rather than any other; e.g. Anxan = Anaximander; Anxes = Anaximenes; Anxor = Anaxagoras.

The use of these abbreviations is optional. but they might form a basis if it should be desired to adopt a system of authorised abbreviations.

Col. III gives the position of the formation;- in the majority of cases by the co-ordinates  $\xi$  and  $\eta$ , in agreement with the Saunder and Franz measures and with the accompanying maps. The unit is '001r = 1000th. of the semi-diameter of the Moon's disc in mean libration. Occasionally, for objects not measured by Franz or Saunder we have adopted König's measures. These have not been published and were not available when the maps were drawn, but they are found to agree remarkably well with our positions on the whole. In cases where the co-ordinates are not given, the position is indicated by reference to some other formation. (These indications are independent of those in the Collated List, which in a few cases are in error.) Abbreviations are:- N, NW etc. for points of the compass; f = far, n = near, o or out = outer, fr = from, w = wall, ct = centre, v = very. Thus SWw 1850 means South-West wall of number 1850. If no number is mentioned the formation prefixed is to be understood. Co-ordinates refer to the apparent central point, unless otherwise stated.

Col. IV supplies further aid to identification by giving the character of the formations. These are indicated by the following symbols :-

(a)	Valleys	//, = etc.
	Vallées	
	Thäler	
	Vallate	

- (b) Rills, Clefts, Cracks, Riverbeds /, — etc.  
 Rainures  
 Rillen, Schluchten  
 Solchi, Speccaturi  
 (The approximate direction is indicated)
- (c) Single hills, Peaks  $\Delta$   
 Collines, Pics  
 Hügel, Beulen, Spitzen, Einzelberge  
 Picchi
- (d) Ridges, Chains, Plateaux  $\Delta\Delta$   
 Ridements, Chaînes, Plateaux  
 Rücken, Ketten, Hochebenen  
 Giogaie, Catene, Altipiani
- (e) Maria and similar features +  
 Mers etc.  
 Maria etc.  
 Mari etc.
- (f) Confluent twin craters  $\infty$   
 Cratères jumeaux  
 Zwillings Krater - nicht vollständig  
 von einander getrennt  
 Crateri Gemelli
- (g) Irregular and indistinctly walled plains 0  
 Plaines cratèriformes irrégulières et  
 mal définies  
 Wallebenen auch unregelmässige und weniger  
 bestimmt begrenzte Einsenkungen,  
 Kaare  
 Piazze
- (h) Formations not fully enclosed, bays or  $\phi$   
 gulfs  
 Baies, Golfes  
 Einbuchtungen, Buchten, Busen

Baie, Golfi

- (1) Walled Craters, Holes, Ring plains      No symbol be-  
 Cratères et orifices entourés de murs      fore diameter  
 et nettement définis  
 Gut umwallte eigentliche Krater,  
 Ringgebirge and Löcher  
 Crateri, Cerchi

For the last class the largest apparent diameter is also given approximately the unit being .001r. Although close precision is not practicable these figures are sufficient guide to prevent mistakes in identification of formations with nearly the same co-ordinates.

Col. V No. in Saunder's Catalogue.

Col. VI No. in Franz's Catalogue.

Col. VII gives as 'Authority' the first giver or proposer of the name or letter. When a 'named' object has previously been known by a letter, that letter and its author are also noted. Mädler's designations were usually followed by Neison, and largely also by Schmidt and by later writers. Goodacre's new letters are in most cases used also by Wilkins. Abbreviations are: An = Andel; De = Debes; Fa = Fauth; Fr or Frz = Franz; Gau = Gaudibert; G or Goo = Goodacre; Hev = Hevelius; Kö = König; Kr = Krieger; Lam = Lamèch; Lo = Lohrmann; M or Mä = Mädler; Müll = Müller; N = Neison; Ric = Riccioli; Sa = Saunder; S or Sch = Schmidt; Schr = Schröter; Wi = Wilkins; C.L. = Collated List; Com. = Commission.

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ERRATA

- 267 Insert Sa No. 2782
- 354 For Fr(1) read Fr(i)
- 1363 For -130 read -180
- 1457 For +254 read +264
- 1479 For -240 +267 read -268 +244
- 1995a For -92 read -82
- 2050 For -859 -412 read -856 -408
- 2055 For NW read SW
- 2055 }  
2056 } For Byr. read Dar.
- 2591 For S(M,C) read S;M(C)
- 3007 Add note: Not exactly the e of M and S.
- 4526a For Fr(M) read Fr(M.Austr.r)



NAMED LUNAR FORMATIONS.

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The following symbols and abbreviations are used:-

Valleys //, =, etc. Rills /, —, etc.  
(Inclination giving approximate direction)

Single hills, etc. A Ridges, etc. AA

Seas, etc. + Confluent craters ∞

Irreg. plains 0 Bays, etc. φ

Walled Craters, etc. No symbol before diameter

N, E, S, W and combinations for points of compass

f for far

n for near

w for wall

ct for centre

o or out for outer

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
<u>1</u>	Schubert	+987 + 47	33	..	498	M
2	Schub. A	+982 + 37	7	..	260	M
3	.. B	+987 + 22	19	..	499	M(b)
4	.. E	+983 + 70	24	..	..	M(e)
4a	.. N	+954 + 34	0 21	..	1288	Fr(n)
4b	.. Y	+970 + 3	22	..	1142	Fr(Macla y)
4c	.. Z	+982 + 5	20	..	1143	Fr(Macla z)
5	.. a	NW 4a	A	..	..	M
<u>6</u>	Neper	+980 +155	59	..	273	Schr.
7	Nep. A	+937 + 78	18	..	263	M(a)
8	.. B	+976 + 93	13	2885	470	M(b)
9	.. C	+961 +122	7	..	471	M(c)
10	.. E	+959 +125	2	..	..	N(e)
<u>11</u>	Hansen	+926 +242	20	..	416	M
12	Han. A	+939 +232	9	..	59	M
13	.. B	+953 +247	0 34	..	1270	M(b);Fr(Olblatt)

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
*14	Alhazen	+914 +275	21	..	309	M
15	Alh. D	+917 +262	7	..	..	N(a)
16	.. A	+923 +271	6	..	..	M
17	.. B	+942 +283	8	..	..	M(b)
18	.. C	+941 +331	15	..	1275	M(c)
19	.. $\alpha$	+877 +344	AA	..	..	M
20	.. $\beta$	+887 +321	A	..	..	M
22	.. $\delta$	+875 +314	A	..	..	M( $\Delta$ )
23	.. E	+916 +340	12	..	..	M( <u>E</u> )
24	.. $\gamma$	+898 +282	A	..	310	M( $\Gamma$ )
25	.. F	+917 +360	22	..	..	N
<u>25a</u>	Mare Marginis	+943 +152 to to † +316	+	..	1257	Fr
<u>26</u>	Plutarch	+897 +408	0 40	..	472	Ric; Fr(Oriani)
26a	Plut. A	+924 +378	0 35	..	481	Fr(Plutarch)
27	.. $\alpha$	+925 +376	A	..	482	N
<u>28</u>	Oriani	+876 +435	0 30	..	..	M
29	Ori. A	+869 +448	8	..	..	M
30a	.. C	+869 +394	7	..	283	Fr
31	.. $\beta$	nS 33	A	..	..	M( <u>B</u> )
32	.. $\alpha$	NW 30a	A	..	..	M( <u>A</u> )
33	.. E	+885 +410	20	..	..	N( <u>e</u> )
<u>34</u>	Eimart	+826 +406	18	..	370	Schr.
35	Eim. E	nE		..	..	N( <u>e</u> )
36	.. C	+810 +382	17	..	371	N(c)
*36a	.. $\beta$	+803 +420	A	..	..	N(B)
37	.. $\alpha$	+840 +403	A	..	..	M( <u>A</u> )
*38	.. $\delta$	+856 +351	A	..	1230	N
38a	.. A	+830 +404	2	..	..	G
<u>39</u>	Prom. Agarum	+878 +258	A	..	1206	Hev.
40	Pr. Ag. N	+854 +229	5	..	..	S(n)

14 The name Alhazen originated with Schröter, but it is uncertain to what formation he gave it. † Extends beyond limb.

36a 134 is the N point of 36a.

38 Also 21 in C.L. Named Drachenkamm by Fr.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
41	Pr. Ag. X	+871 +261	6	..	..	S(x)
42	.. Y	+863 +231	4	..	..	S(y)
43	.. Z	+856 +266	4	..	..	S(z)
<u>43a</u>	Mare Anguis	+830 +330 to to +870 +430	+	..	1229etc.	Fr
43b	M. Ang. A	+864 +358	8	..	1231	Fr(Drachenaue)
43c	.. T	+821 +437	6	..	1232	Fr(Schwanzende)
43d	.. $\xi$	+876 +330	$\Lambda$	..	1229	Fr(Zungenspitze)
<u>44</u>	Condorcet	+917 +211	49	..	360	Schr.
45	Condr. F	+947 +145	18	..	363	S(f)
46	.. P	+931 +152	26	..	362	S(p)
46a	.. A	+903 +204	6	..	361	Fr
46b	.. B	+923 +228	$\phi$ 9	..	..	G
<u>47</u>	Azout	+885 +178	18	..	343	Schr.
48	Azt. A	+888 +163	6	..	..	M(a)
49	.. B	+895 +163	12	..	..	M(b)
50	.. C	+894 +152	6	..	..	M(c)
51	.. $\alpha$	+880 +216	$\Lambda$	..	1207	M
*52	.. $\beta$	+872 +199	$\Lambda$	..	..	M
53	.. $\gamma$	+862 +188	$\Lambda$	..	1210	M
54	.. $\delta$	+847 +181	$\Lambda$	..	1212	M( $\Delta$ )
55	.. $\epsilon$	+870 +166	$\Lambda$	..	..	S( $\beta$ )
<u>56</u>	Firmicus	+887 +127	28	..	271	Ric.
56a	Firm. D	+897 +103	6	..	396	Fr(a)
57	.. A	+898 +112	6	..	..	M(a)
58	.. B	+905 +127	8	..	397(c)	M(b)
59	.. C	+909 +134	8	..	398(b)	M(c)
60	.. $\alpha$	+926 +124	$\Lambda$	..	..	M
61	.. $\beta$	NWw	$\Lambda$	..	..	M
62	.. $\gamma$	Nw	$\Lambda$	..	..	M
63	.. $\delta$	+899 + 97	$\Lambda$	..	..	M
64	.. $\epsilon$	+898 + 81	$\Lambda$	..	1280	M;Fr(e)
65	.. M	+914 + 74	$\phi$ 30	..	1299	S(m);Fr(e)

52 Fr's Azt.  $\beta$  (No. 1209) is further S +872 +190

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
<u>65a</u>	Mare Spumans	+906 + 3	+	..	1276	Fr
65b	Ma. Spu. P	+920 + 14	19	..	1289	Fr(p)
65c	.. Q	+920 + 39	6	..	1290	Fr(q)
65d	.. M	+925 + 32	0 28	..	1287	Fr(m)
<u>66</u>	Apollonius	+872 + 78	26	..	264	M
67	Apo. A	+837 + 80	12	..	..	M(a)
68	.. N	+896 + 83	3	..	311	M(b)
69	.. C	+838 + 58	5	..	312	N(c);not M's C
70	.. D	+858 + 74	10	..	313	M(d)
71	.. H	+861 + 59	7	..	317(h)	M(e)
72	.. E	+880 + 76	8	..	314	M
73	.. M	+881 + 69	5	..	..	S(ε)
74	.. ε	S 71	A	..	..	M
75	.. B	+844 +100	20	..	..	M(b)
76	.. F	+861 + 95	11	..	..	M(f)
77	.. G	+891 + 60	9	..	316	M(g)
78	.. K	+813 + 97	6	..	318	M(k)
79	.. J	+839 + 72	4	..	..	M(i)
79a	.. S	+889 + 23	6	..	..	Com.
*80	.. W	+894 + 41	16	..	320	S(w);Fr
81	.. ρ	NE 75	A	..	..	M
81a	.. L	+810 +113	5	..	319	Fr(l)
81b	.. P	+858 +100	9	..	315	Fr(f)
81c	.. R	+865 + 93	9	..	..	G(D)
<u>81d</u>	Mare Undarum	+927 +122	+	..	1291	Fr
81e	M. Und. F	+930 + 92	18	..	1300	Fr(f)
<u>82</u>	Mare Crisium	+816 +287	+	..	1205	Ric.
83	M. Cri. ρ	+734 +390	AA	..	..	S(RR)
84	.. ν	ENE 22	AA	..	..	S(n)
84a	.. ψ	SW pt 85	A	..	..	S
85	.. τ	+795 +395	AA	..	..	S(t)
86	.. ο	+779 +403	AA	..	..	S(v)

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
87	M. Cri. $\omega$	+754 +391	$\Lambda\Lambda$	..	..	S(w)
88	.. $\theta$	+741 +375	$\Lambda$	..	1224	S
*						
95	.. $\epsilon$	+727 +278	$\Lambda\Lambda$	..	..	S(E)
96	.. E	+738 +273	6	..	477	S(e)
97	.. $\delta$	+734 +282	$\Lambda\Lambda$	..	..	S(D)
<u>99</u>	Prom. Olivium	+730 +258	$\Lambda\Lambda$	..	..	Birt;S(Cri y)
<u>100</u>	Prom. Lavinium	+734 +259	$\Lambda\Lambda$	..	1222	Birt;S(Cri z)
*						
104	M. Cri. $\phi$	+761 +229	$\Lambda\Lambda$	..	1221	S
104a	.. P	+723 +262	$\phi$ 13	..	..	G
105	Peirce C	+724 +320	8	..	..	N
<u>106</u>	Picard	+789 +251	17	2876	473	Schr.
107	Pica. $\alpha$	+791 +204	$\Lambda\Lambda$	..	1219	M
108	.. $\beta$	eSEw 111	$\Lambda$	..	..	M
108a	.. $\gamma$	+786 +200	$\Lambda\Lambda$	..	1220	Fr(16)
109	.. $\epsilon$	+737 +213	$\Lambda\Lambda$	..	..	M
110	.. G	+793 +168	20	..	..	N
110a	.. H	+826 +164	8	..	478	Fr(G)
111	Lick	+774 +220	20	..	..	Kr;S(Pica c)
112	Lick D	+775 +228	9	..	476	M(d)
113	Pica. $\delta$	NW 96	$\Lambda$	..	..	M(e)
114	Yerkes	+755 +250	$\phi$ 20	..	..	Kr;S and M (Cri b)
<u>115</u>	Peirce	+761 +313	9	..	474	N;M(Pica A)
116	.. B	+757 +331	7	..	475(A)	M(Pic B); N(Pic A)
<u>119</u>	Cleomedes	+730 +460	$\phi$ 60	..	..	Ric.
120	Cleom. D	+768 +487	$\phi$ 20	..	..	M(a or d)
121	.. A	+717 +483	8	..	357	M
122	.. B	+736 +456	7	..	358	M
123	.. C	+740 +432	6	..	..	N
124	Hahn D	+826 +461	8	..	..	N(Cleom D)
<u>125</u>	Delmotte	+772 +456	12	..	285	Lamèch; M(Cleom e)
126	Cleom. F	+774 +384	6	..	282	M

\* 89 to 93 and 101 to 103 C.L. are heights measured by Schmidt on E wall of M. Cri.; each is further S than the preceding one.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
127	Cleon. J	+751 +447	6	..	..	N(i)
128	.. K	SE 87		..	..	N(k)
128a	.. G	+768 +407	12	..	359	Fr(g)
129	.. a	ct	A	..	..	N
131	.. $\gamma$	nW 125	AA	..	..	N(??)
133	.. $\beta$	nS 131	AA	..	..	S(g)
134	.. $\zeta$	+795 +430	A	..	..	S(h)
135	.. Ir	SW 121	\	..	..	S(r)
136	.. IIr	nN 120	\	..	..	S(r)
<u>137</u>	Seneca	+860 +493	o 25	..	504	Ric;S(Plutarch.)
* <u>137A</u>	Timoleon	+822 +545	o 40	..	..	Com;S(Seneca)
138	Sen. B	+854 +490	22	..	..	N(b)
139	.. a	Ww	A	..	..	M
140	.. $\beta$	+847 +495	AA	..	..	M(B)
<u>140a</u>	Mare Novum	Limb +433	+	..	1301-4	Fr
<u>141</u>	Hahn	+820 +518	o 34	..	..	M
142	.. A	+815 +495	10	2879	126	M
142a	.. B	+831 +522	9	..	414	Fr(b)
142b	.. C	+850 +523	13	..	415	Fr(c)
143	.. a	NWw	A	..	..	M
144	.. $\beta$	ct	A	..	..	M
<u>145</u>	Berosus	+781 +548	35	..	..	Ric.
145a	Bero. A	+777 +547	8	..	350	Fr(a)
146	.. a	NEw	A	..	..	M
147	.. $\beta$	Nw	A	..	..	M
<u>148</u>	Gauss	+789 +592	78	..	402	M
149	.. W	+810 +566	12	..	402	M(a)
149a	.. C	+732 +640	18	..	404	Fr(c)
149b	.. D	+743 +635	15	..	405	Fr(d)
149c	.. E	+797 +579	4	..	406	Fr(e)
149d	.. A	+790 +600	10	..	..	G
149e	.. B	+785 +585	3	..	..	G
150	.. $\sigma$	Ww	A	..	..	M(a)

137A Sch's Timoleon is +875 +478

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
151	Gauss $\alpha$	ct	A	..	..	M( <u>A</u> )
152	.. $\beta$	SWw	A	..	..	M
153	.. $\gamma$	SEw	A	..	..	M
154	.. $\delta$	NWw	A	..	..	M
155	.. $\epsilon$	SSEw	A	..	..	M
156	.. $\theta$	NEw	A	..	..	M( $\theta$ )
157	.. $\lambda$	In S, nSw	A	..	..	M
158	.. $\eta$	NNWw	A	..	..	M( <u>H</u> )
160a	.. $\nu$	+755 +625	A	..	..	G(N)
<u>161</u>	Bernouilli	+716 +571	24	..	..	Schr.
162	Bern. A	+703 -594	12	..	346	M(a)
163	.. B	+728 +601	16	..	347	M(b)
164	.. C	+752 +579	12	..	348	M(c)
165	.. D	+744 +585	6	..	349	N(d)
166	.. $\alpha$	SWw	A	..	..	M
<u>167</u>	Burckhardt	+717 +516	0 28	..	..	M
168	Burck. A	+738 +504	14	..	..	M(a)
169	.. B	+751 +498	6	..	..	M
170	.. $\alpha$	SEw	A	..	..	M
171	.. $\beta$	+768 +504	AA	..	..	M
172	.. $\gamma$	+747 +519	AA	..	..	M
173	.. Ir	fr.320 to 172	\	..	..	N( $\zeta$ )
174	.. IIr	Inner SEw	\	..	..	S(r)
175	.. IIIr	Inner NWw	\	..	..	S(r)
<u>176</u>	Tralles	+706 +469	13	..	..	M
177	Tral. A	+650 +461	10	2857	144	M
178	.. B	+688 +458	6	2862	537	M
178a	.. C	+672 +467	3	2861	..	Com.
<u>179</u>	Debes	+686 +480	0 16	..	..	Mül;S(Tral.m)
<u>180</u>	Macrobius	+674 +363	40	..	..	Ric.
181	Macro. C	+661 +356	5	..	440	N(A)
182	.. A	+610 +335	11	2837	82	M(a)

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
183	Macro. B	+611 +357	8	2839	83	M
<u>184</u>	Tisserand	+698 +367	19	..	..	Kr;M(c)
185	Macro. D	+689 +315	7	..	441	M
186	.. E	+689 +324	7	..	..	M(e)
187	.. F	+692 +382	7	..	442	M(f)
188	.. M	+596 +423	0 22	..	..	S
189	.. $\alpha$	NW 183	AA	..	..	M
190	.. $\beta$	NE 187	AA	..	..	M
191	.. $\gamma$	N 187	AA	..	..	M
192	.. $\delta$	NW 182	AA	..	..	M
193	.. $\epsilon$	nNW 191	AA	..	..	M( <u>E</u> )
194	.. $\theta$	nSSW 188	AA	..	..	M(I)
195	.. $\eta$	NW 185	A	..	..	S( $\epsilon$ )
195A	.. $\xi$	SSE 185	A	..	..	S(e and x)
196	.. Ir	fr.SWw 188	—	..	..	S(r)
197	.. IIr	nNE 187	—	..	..	S(r)
<u>198</u>	Proclus	+702 +277	16	2863	117	Ric.
199	Procl. A	+654 +231	9	2858	104	M
<u>200</u>	Glaisher	+740 +228	9	..	492	Birt;M(a)
* <u>201</u>	Lyell	+629 +241	$\phi$ 25	..	..	S;M(b)
201a	.. A	+618 +248	3	2844	..	Com.
203	Procl. C	+674 +221	7	..	..	M(c)
204	.. D	+626 +300	8	2848	491	M(d)
205	.. E	+632 +283	7	..	..	M(e)
206	.. F	+701 +244	5	..	..	M
207	.. $\eta$	SE 206	AA	..	..	S(A)
208	.. $\alpha$	+681 +270	A	..	..	M
209	.. $\beta$	WSW 203	AA	..	..	M( <u>B</u> )
210	.. $\gamma$	+679 +240	AA	..	..	M
*211a	.. G	+664 +221	0 23	..	..	Com.
213	.. Ir	fr SEw	—	..	..	S(r)
213a	.. S	+716 +266	$\phi$ 7	..	..	G

201 Named Franz by Krieger-König, Andel and Debes;  
but was already named Lyell by Schmidt.  
211a is substituted for C.L. 211 and 212, both  
doubtful objects, but 212 M( $\epsilon$ ) may be 211a.



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
<u>214</u>	Palus Somnii	+670 +250	+	..	..	Ric.
<u>214a</u>	Franz	+617 +285	φ 22	..	..	Mül.
<u>215</u>	Taruntius	+722 + 92	0 25	..	..	Ric.
216	Tar. A	+758 +126	8	2869	137	M
217	.. Y	+787 +125	6	..	..	M(y)
218	.. D	+708 +153	7	..	..	M
219	.. E	+643 + 96	6	2854	528	M(e)
220	.. C	+712 +111	4	..	..	M(c)
221	.. F	+648 + 69	6	2856	..	M
222	.. J	+660 +159	4	..	..	N
223	.. L	+693 + 93	6	..	..	M(l or I)
223a	.. P	+783 + 2	4	2875	..	Com.
224	.. G	+759 + 33	7	2870	87	M
225	.. H	+764 + 6	5	2871	529	M(h)
226	.. K	+783 + 11	4	2874	..	M(k)
226a	.. O	+810 + 39	4	2878	..	Com.
227	.. N	+804 + 42	4	2877	530	M(n)
228	.. α	+683 +152	Λ	..	..	M
229	.. β	nN 236	ΛΛ	..	..	M
230	.. γ	SW 222	ΛΛ	..	..	M
231	.. δ	E 236	ΛΛ	..	..	M
*232	.. ε	W 216	ΛΛ	..	..	S(ε1)
233	.. η	+648 +134	ΛΛ	..	..	M(ε)
234	.. Z	+694 +132	φ 10	..	..	M(ζ)
235	.. X	+802 +125	φ 18	..	..	M(x)
236	.. M	+677 +127	12	..	..	M
<u>236a</u>	Da Vinci	+692 +161	φ 20	..	..	Peucker;G(D)
<u>237</u>	Secchi	+689 + 42	14	..	527	Birt;M(B)
237a	Secc. A	+661 + 57	3	2859	..	Com.
237b	.. B	+661 + 64	3	2860	..	Com.
238	.. η	+660 + 20	ΛΛ	..	..	M
239	.. θ	E 238	ΛΛ	..	..	M

232 M and N give this letter but without prefix.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
240	Secc. X	+684 + 18	AA	..	..	M
241	.. t	N 4269	AA	..	..	M
<u>242</u>	Maskelyne	+500 + 38	14	2758	..	Lo.
243	Mask. A	+560 + 1	φ 26	..	..	M(a)
244A	.. B	+484 + 35	5	2741	..	S(b)
245	.. C	+542 + 12	4	..	..	M(c)
246	.. D	+545 + 34	0 14	..	..	M(d)
247	.. E	+575 +106	φ 14	..	..	M(e)
248	.. F	+577 + 71	φ 10	..	..	M(f)
248a	.. G	+449 + 40	4	2706	..	G(C)
248b	.. H	+532 + 86	4	2783	..	Com.
248c	.. K	+495 + 57	4	2753	..	Com.
249	.. M	+463 +136	5	2724	..	S(m)
250	.. α	nN 243	AA	..	..	M
251	.. β	NE 246	AA	..	..	M
252	.. γ	NE 251	AA	..	..	M
253	.. δ	+538 + 31	AA	..	..	M
253a	.. ε	+611 + 87	A	2838	..	Com.
253b	.. ζ	+598 + 13	A	2829	..	Com.
<u>254</u>	Mare Tranquil- littatis	+500 +150	+	..	..	Ric.
<u>255</u>	Jansen	+466 +234	12	2730	..	M
255a	Jans. F	+504 +218	5	2761	..	G
255b	.. E	+452 +250	4	2708	..	G
255c	.. D	+458 +271	4	2717	..	G
256	.. α	+499 +210	AA	..	..	N
257	.. β	+467 +180	AA	..	..	M
258	.. γ	+486 +215	AA	..	..	M
258a	.. δ	+520 +232	A	2777	..	Com.
*259	.. B	+441 +185	10	2702	71	M;S(Carrington)
259a	.. G	+433 +162	3	2691	..	Com.
259b	.. H	+466 +197	4	2729	..	Com.
259c	.. K	+485 +200	4	2744	..	Com.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
259d	Jans. L	+485 +254	4	2743	..	Com.
<u>260</u>	Sina	+518 +154	7	2775	..	S;M(C)
260a	.. A	+534 +136	4	2786	..	Com.
261	.. E	+508 +168	5	2764	..	M(e)
<u>262</u>	Cauchy	+616 +166	8	2842	436	N
262a	Cauch. A	+602 +212	4	..	..	Com.
263	.. D	+637 +174	4	2852	..	M
264	.. Ir	E 233 to ENE 262	and ΛΛ	..	..	M(δ)
265	.. IIr	SE 222 to SE 262a	Λ	..	..	S(r)
<u>266</u>	Vitruvius	+495 +303	16	2754	..	Ric.
267	Vitr. A	+530 +305	10	..	149	M
268	.. B	+519 +282	12	..	..	M(b)
269	.. C	+535 +264	φ 7	..	..	N(c)
270	.. D	+570 +289	φ 30	..	..	M(d)
270a	.. E	+463 +320	6	2723	..	Com.
271	Jans. C	+468 +279	5	2732	..	M
<u>272</u>	Maraldi	+539 +332	20	..	..	Schr.
273	Marl. γ	+540 +349	Λ	..	..	N(Γ);S(b)
273a	.. A	+556 +342	4	2812	..	Com.
274	.. M	+601 +300	4	2834	..	N(m)
275	.. N	+569 +313	3	..	..	N(n)
275a	.. B	+580 +248	4	2821	..	Com.
276	.. α	On inner Nw	Λ	..	..	N;S(o)
277	.. β	Sw	Λ	..	..	N
<u>279</u>	Littrow	+486 +367	18	..	..	M
280	Lit. B	+462 +369	4	2720	..	M
280a	.. A	+493 +373	15	..	..	G
280b	.. P	+500 +393	20	..	..	G
*281	.. D	+496 +402	4	2756	..	N(b and d)
282	.. α	+470 +390	Λ	..	..	M
282a	.. β	+490 +404	Λ	2748	..	Com.
283	.. γ	+510 +350	Λ	..	..	M(Γ)

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
284	Lit. $\delta$	+515 +375	A	..	..	M( $\Delta$ )
286	.. Ir	fr 517 to N 281	/	..	..	N( $\eta$ );S( $\epsilon$ , w, x)
<u>291</u>	Römer	+537 +429	21	2790	..	Ric.
292	.. $\alpha$	+516 +459	A	..	..	M( <u>A</u> )
293	.. $\beta$	+508 +448	A	..	..	N;S(A)
294	Chac. $\delta$	+484 +482	A	..	..	N(Rö $\Delta$ )
295	Rö. $\delta$	+562 +424	A	..	..	M
295a	.. P	+564 +448	40	..	..	G
296	.. $\epsilon$	+586 +442	A	..	..	M
297	.. $\rho$	+571 +386	A	..	..	N
298	.. Ir	+522 +426	\	..	..	N( $\epsilon$ );S(m)
299	.. IIr	fr E 292 to Sw 504	\	..	..	N( $\epsilon$ );S(n)
300	.. IIIr	S 296		..	..	N( $\zeta$ and $\eta$ )
301	Newc. Ir	+580 +508	<del>/</del>	..	..	N( $\zeta$ )
*302	Rö. A	+533 +472	17	..	..	N;M(a)
303	.. B	+557 +477	16	..	..	M(b)
303a	.. C	+533 +464	4	2785	..	Com.
304	Kirf. C	+554 +504	10	..	..	M(Rö c)
305	.. E	+560 +510	= 14	..	..	M(Rö e)
306	.. F	+559 +521	12	..	..	M(Rö f)
307	Rö. J	+569 +380	5	..	494	M
308	.. K	+537 +384	7	2792	495	M
309	.. L	+523 +395	6	2781	496	M
309a	.. R	+516 +407	20	..	..	G
309b	.. D	+532 +414	6	2784	..	G
<u>310</u>	Kirchhoff	+544 +504	14	..	..	S;M(D)
<u>311</u>	Newcomb	+603 +495	20	..	..	N;S(Bunsen)
312	Berz. F	+605 +542	6	..	408	Fr
313	Newc. G	+622 +468	9	..	..	M(Rö G)
314	.. H	+592 +485	6	2827	..	M(Rö H)
315	.. J	+615 +482	11	..	..	S
315a	.. P	+646 +492	0 55	..	..	G

302 Named Stephanides by Lamèch.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
316	Newc. E	+610 +530	\	..	..	N(e)
317	.. F	+580 +520	o 18	..	..	N(f)
318	Berz. G	+612 +555		..	..	N(Newc. g)
319	Newc. a	+636 +470	A	..	..	N
<u>320</u>	Geminus	+690 +565	45	..	..	Ric.
321	Gemi. A	+672 +524	8	..	..	M(a)
322	.. F	+663 +531	10	..	..	N(b)
323	.. B	+658 +553	8	..	..	M
324	.. C	+709 +558	9	..	407	M
324a	.. H	+642 +524	8	2853	..	Com.
325	.. D	+633 +509	9	2850	286	N(d)
325a	.. G	+643 +513	6	2855	287	Fr(e)
326	.. E	+635 +540	o 45	..	..	N(e)
327	.. Z	+620 +510	\ 20	..	..	N(')
328	.. N	+630 +520	\ 26	..	..	N(θ);S(N)
329	.. a	+688 +553	A	..	..	M
330	.. β	+642 +545	A	..	..	M
331	.. Ir	Inner SEw		..	..	S(r)
	.. IIr	Inner NWw		..	..	S(r)
<u>332</u>	Messala	+674 +632	75	..	..	Ric.
333	Mesa. A	+648 +596	14	..	288	M(a)
334	.. B	+687 +607	10	..	457	M
335	.. C	+689 +657	6	..	458	M
336	.. D	+704 +650	16	..	459	M(d)
337	.. E	+694 +645	24	..	460	N(e);M(c)
338	.. F	+702 +628	17	..	461	M(f)
339	.. G	+718 +632	10	..	..	N(g)
339a	.. J	+660 +658	14	..	462	Fr(i)
339b	.. K	+643 +657	6	..	463	Fr(k)
*340	.. v	n 339 to Ew 147	AA	..	..	S(n)
341	.. a	nSE 337	A	..	..	M
342	.. β	SW 339a	A	..	..	M

340 Long straight wall.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
343	Mesa. $\gamma$	+671 +613	A	..	..	M
344	.. $\delta$	+689 +622	A	..	..	M
345	.. $\epsilon$	+680 +630	A	..	..	M
* <u>346</u>	Struve	+662 +685	0 30	..	290-2 524-5	M
347	Stru. a	+665 +670	A	..	..	M
348	.. $\beta$	+660 +690	A	..	..	M( <u>B</u> )
349	.. $\gamma$	+701 +681	A	..	..	M( $\Gamma$ )
350	Zeno A	+670 +700	27	..	515	M(Stru a)
351	.. B	+680 +695	22	..	516	M(Stru b)
351a	.. D	+670 +707	11	..	517	Com.
352	.. E	+714 +660	5	..	..	N(e)
353	.. F	+727 +675	9	..	522	N(f)
353a	.. K	+673 +681	10	..	523	Fr(k);S(Struve)
* <u>354</u>	Zeno	+678 +708	0 30	..	..	S
354a	.. E	+689 +694	5	..	518	Com.
354b	.. J	+697 +698	8	..	519	Fr(i)
<u>355</u>	Schumacher	+645 +673	0 32	..	..	M
355a	Schum. B	+638 +666	10	..	..	G(A)
356	.. a	SWw 355a	A	..	..	M
357	.. $\beta$	Nw 355a	A	..	..	M
358	.. $\gamma$	+620 +690	A	..	..	N
<u>359</u>	Carrington	+636 +694	17	..	500	Birt;M(a)
<u>360</u>	Hook	+616 +658	21	..	420	Schr.
361	.. $\gamma$	+598 +703	A	..	..	M( $\Gamma$ )
362	.. D	+627 +653	11	..	289	M(d)
<u>363</u>	Shuckburgh	+587 +681	20	..	..	Lee;M(b)
363a	Shuc. A	+602 +683	10	..	421	Fr(Hook a)
363b	.. C	+577 +689	7	..	422	Fr(Hook c)
363c	.. E	+603 +695	7	..	423	Fr(Hook e)
<u>364</u>	Berzelius	+622 +597	22	..	..	M
365	Berz. A	+598 +597	3	..	..	M
366	.. B	+577 +537	18	..	..	M(b)

346 Named "Mare Struve" by Fr. Frz. 291 "Struve"(664 +688)  
is a small crater (8) on NWw of No. 346.

354 Following Sch's Map.

GL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
367	Berz. E	+650 +580	//	..	..	N(e)
368	.. a	+590 +555	A	..	..	M
369	.. β	+582 +546	A	..	..	M
370	.. γ	+607 +566	A	..	..	M
371	.. δ	+598 +548	A	..	..	M
372	.. ε	+624 +603	A	..	..	S(B)
373	.. τ	+556 +538	A	..	..	S(t)
<u>374</u>	Franklin	+576 +627	24	..	399	M
375	Frank. γ	ct	A	..	..	N(A)
376	.. a	+572 +619	A	..	..	M
377	.. β	+578 +630	A	..	..	N
378	.. C	+564 +589	B	..	..	N(c)
381	.. F	+582 +610	18	..	..	M(f)
*383	Maury A	+541 +588	13	2797	400	M(a)
384	.. B	+548 +576	4	2806	..	M
<u>385</u>	Maury	+510 +603	10	2765	48	Birt;M(Ceph. B)
385a	.. D	+481 +619	5	..	356	Fr(Ceph. d)
386	.. a	+490 +658	A	..	..	M
387	.. β	+477 +646	A	..	..	M
388	.. γ	+514 +659	A	..	..	M
389	.. δ	+450 +650	A	..	..	M
<u>390</u>	Cepheus	+544 +648	0 22	..	..	Ric.
391	Ceph. A	+547 +656	7	2805	32	M
393	.. E	+530 +627	//	..	..	N(e)
<u>394</u>	Oersted	+538 +682	0 26	..	..	M
394a	Oers. P	+517 +692	11	..	..	G
395	.. a	NEW	A	..	..	M
<u>396</u>	Mercurius	+629 +726	0 30	..	448	Ric.
396a	Mercu. B	+636 +736	6	..	450	Fr(b)
397	.. C	+591 +735	11	..	..	M(c)
397a	.. A	+642 +743	11	..	449	Fr(a)
397b	.. D	+650 +715	0 30	..	..	G

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
397c	Mercu. E	+615 +760	0 28	..	..	G
397d	.. F	+627 +710	9	..	454	Fr(b)
397e	.. G	+636 +708	7	..	455	Fr(g)
397f	.. H	+585 +757	5	..	456	Fr(h)
397g	.. K	+649 +736	11	..	452	Fr(d)
397h	.. L	+627 +718	6	..	453	Fr(e)
397i	.. J	+583 +733	5	..	451	Com.
398	.. a	+601 +730	A	..	..	M
399	.. γ	+645 +746	A	..	..	M(A)
400	.. β	+615 +765	A	..	..	M(B)
401	.. δ	+602 +780	A	..	..	M(Δ)
402	Mare Humboldt- ianum	+496 +864 to +591 +800	+	..	1306 to 1311	M
402a	M. Humb. A	+603 +791	16	..	426	Fr(a)
402b	.. B	+602 +788	8	..	427	Fr(b)
402c	.. C	+596 +790	13	..	428	Fr(c)
402d	.. D	+573 +795	5	..	429	Fr(d)
402e	.. E	+572 +792	6	..	430	Fr(e)
402f	.. F	+551 +818	9	..	431	Fr(f)
402g	.. G	+537 +823	5	..	432	Fr(g)
403	Endymion	+492 +803	67	..	..	Ric.
404	Endy. A	+514 +816	12	..	372	M
405	.. B	+466 +859	22	..	373	M(b); Fr
406	.. C	+457 +852	16	..	374	M(c)
407	.. D	+541 +792	12	..	375	M
408	.. F	+494 +838	6	..	..	N
409	.. G	+457 +833	7	..	40	M
409a	.. E	+543 +805	10	..	377	Fr
409b	.. H	+523 +778	10	..	378	Fr(h)
410	.. a	WSWw	A	..	..	M
410A	M. Humb. γ	limb +850	A	..	..	N(a)
411	Endy. β	SSWw	A	..	..	M
412	.. γ	ESEw	A	..	..	M



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
413	Endy. $\delta$	ENEW	A	..	..	N
414	.. $\epsilon$	NWw	A	..	..	N
*416	De la Rue	+400 +860	$\emptyset$ 65	..	..	Birt
417a	De la R. J	+411 +857	8	2646	379	Fr(i);M(b)
418	.. $\alpha$	+440 +840	A	..	..	N
419	.. $\beta$	NEw	A	..	..	N
420	.. $\gamma$	+412 +825	A	..	..	N;M(Straw $\gamma$ )
<u>421</u>	Strabo	+384 +882	$\emptyset$ 27	..	505	M
422	Stra. A	+430 +891	$\emptyset$ 30	..	506	M(a)
423	.. B	+376 +908	11	..	507	M
424	De la R. D	+395 +840	5	..	..	M
424a	Stra. C	+335 +921	10	..	508	Fr(c)
424b	.. E	+357 +921	21	..	509	Fr(e)
424c	.. J	+356 +919	13	..	510	Com.
424d	.. F	+373 +927	$\emptyset$ 32	..	511	Fr(f)
424e	.. G	+428 +903	$\emptyset$ 45	..	512	Fr(g)
424f	.. K	+376 +926	7	..	513	Com.
425	.. $\alpha$	Ww	A	..	..	M
426	.. $\beta$	+414 +872	A	..	..	M
*427	Thales	+364 +881	18	..	138	Ric.
428	Tha. C	+362 +875	$\emptyset$ 10	..	..	N(c)
429	.. A	+342 +853	8	2483	532	M
430	.. B	+354 +903	9	..	..	M(a)
431	.. E	+361 +872	$\emptyset$ 12	..	..	N(e)
432	.. F	+343 +856	$\emptyset$ 18	..	..	N(f)
432a	.. G	+338 +880	5	2473	533	Fr(g)
432b	.. H	+368 +869	6	..	534	Fr(h)
432c	.. L	+350 +900	15	..	535	Fr(l)
432d	.. N	+360 +905	15	..	536	Fr(n)
432e	.. M	+341 +823	4	2480	..	G(B)
432f	.. W	+334 +853	3	2457	..	Com.
433	.. $\alpha$	SSWw	A	..	..	M

416 Named Epicurius by Sch.

427 Sch's Thales probably that of Ric. and not No.428.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
435	Tha. $\beta$	Nw	A	..	..	M
436	.. $\gamma$	+320 +888	A	..	..	N
<u>437</u>	Atlas	+481 +727	49	..	340	Ric.
*438	.. $\alpha$	+524 +728	A	..	342	M
439	.. $\beta$	NEw	A	..	..	M
440	.. $\gamma$	nN ct	A	..	..	M
441	.. D	+486 +770	$\phi$ 16	..	376	M( $\delta$ )
442	.. $\epsilon$	+517 +758	A	..	..	M
444	.. Ir	nW ct		..	..	N( $\gamma$ )
445	.. IIr	Inner NEw	/	..	..	N( $\theta$ )
446	.. A	+535 +711	14	..	341	M
449	.. E	+445 +750	28	..	..	M(e)
<u>450</u>	Chevallier	+552 +704	26	..	..	Lee;S(Volta)
451	Chev. B	+555 +709	7	..	425(g)	M(Hook b)
451a	.. F	+578 +721	5	..	424	Fr(Hook f)
<u>452</u>	Hercules	+434 +728	30	..	417	Ric.
*453	Herc. A	+432 +780	20	2687	418	M
454	.. B	+401 +741	8	2627	..	M
454a	.. H	+410 +780	3	2643	..	Com.
454b	.. J	+426 +696	4	2676	..	Com.
454c	.. K	+430 +697	3	2684	..	Com.
456	.. C	+425 +678	4	2672	..	M
457	.. D	+453 +704	4	2711	..	M(d)
458	.. G	+435 +724	9	2693	62	N(D)
459	.. E	+437 +716	3	..	..	M(e)
*460	.. F	+425 +769	9	..	419	M(f)
460a	Will. F	+447 +684	2	..	..	G
<u>460b</u>	Williams	+449 +665	$\phi$ 16	..	..	Kr
461	.. $\alpha$	Nw	A	..	..	M(Herc $\alpha$ )
462	.. $\beta$	Ew	A	..	..	M(Herc $\beta$ )
<u>463</u>	Groves	+415 +647	18	2654	484	Birt;S(Barth)
464	.. $\delta$	+434 +616	A	..	..	M( $\Delta$ )

438 Partly bright spot; not actually M $\alpha$ 's  $\alpha$ .

453 Named Dominique by Lamèch.

460 Named Kephalinos by Lamèch.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
465	Groves $\gamma$	nN	A	..	..	N(I)
<u>466</u>	Daniell	+422 +580	14	2664	..	Birt;S(Hencke)
467	Dan. D	+348 +602	4	2503	485	N(d)
<u>468</u>	Posidonius	+419 +526	55	..	..	Ric.
469	Pos. $\beta$	Sw	A	..	..	M
470	.. $\gamma$	+362 +500	A	..	..	M
471	.. $\delta$	SEw	A	..	..	N
472	.. $\epsilon$	NNEw	A	..	..	N
473	Luther $\epsilon$	+316 +577	A	..	..	M(Pos <u>E</u> )
474	.. $\zeta$	+290 +625	A	2323 (N.pt.)	..	M(Pos $\zeta$ )
475	Pos. $\kappa$	Ew	A	..	..	N
476	.. $\chi$	WSWw	A	..	..	M
477	.. Ir	fr 474 to SW	\	..	..	S(rr)
478	.. IIr	W ct	\	..	..	S (n);N( $\eta$ )
479	.. IIIr	In NE	\	..	..	S (o);N( $\xi$ )
480	.. IVr	In NW	—	..	..	N( $\psi$ )
480a	.. Vr	In SW	/	..	..	S(p)
481	.. C	+422 +518	2	..	..	N(c);Gau(d)
482	.. A	+419 +525	6	2659	116	M
483	.. B	+432 +547	7	2686	483	M
484	.. D	+443 +539	11	..	..	N(d)
485	.. E	+291 +509	2	..	..	M
486	.. J	+425 +556	11	2673	..	N(I);S(M)
487	.. M	+413 +564	5	2650	488	N(m);S(N)
488	.. N	+312 +495	4	2374	489	N
489	.. O	+413 +552	0 10	..	..	N(n)
490	.. P	+385 +553	9	2596	490	N(b);S(P)
490a	.. F	+383 +541	3	2588	..	Com.
490b	.. G	+375 +570	2	2570	..	Com.
490c	.. H	+313 +588	4	2378	..	Com.
<u>491</u>	Luther	+342 +547	5	2487	486	S;N(c and e)
491a	.. a	+313 +553	A	2379	..	Com.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
<u>492</u>	Bond	+501 +536	10	2759	487	Birt;M(G)
* <u>494a</u>	Hall	+500 +555	φ 22	..	..	Kr
495	Bond B	+492 +498	15	..	..	N;M(b)
495a	.. A	+511 +524	4	2768	..	Com.
497	Hall J	+489 +580	4	2747	..	M(Pos I)
497a	.. C	+482 +569	3	2739	..	G
498	Bond K	+458 +581	4	2715	..	M
499	.. T	Nw	A	..	..	S
499a	.. G	+507 +540	0 20	..	..	G
499b	Hall ω	Nw	A	..	..	S(w)
500	.. α	Ew	A	..	..	N;M(∠);S(∠)
501	Bond η	+525 +546	A	..	..	M
502	.. Ir	495 to 497	/	..	..	M(ε);S(p,q,r,s)
<u>503</u>	Chacornac	+456 +497	0 25	..	..	Birt
504	Chac. B	+460 +482	3	..	..	N(b)
505	.. A	+454 +497	3	2712	..	N
505a	Bond C	+504 +484	φ 38	..	..	G
506	Chac. Ir	nW ct		..	..	N(η)
507	.. I Ir	Thro' ct		..	..	N(∠)
<u>508</u>	Le Monnier	+455 +448	φ 30	..	..	Schr.
509	Le M. A	+480 +450	12	..	..	M(a)
509a	.. S	+499 +443	0 28	..	..	G
509b	.. B	+386 +432	3	2598	..	Com.
509c	.. C	+411 +380	3	2648	..	Com.
510	.. α	SEw	A	..	..	M(A)
511	.. β	+487 +428	A	..	..	N
512	.. γ	nSE 509	A	..	..	M(Γ)
513	.. ε	+444 +376	A	..	..	N(γ)
514	.. δ	+437 +402	A	..	..	N
* <u>517</u>	Mt. Argæus	+450 +355	A	..	..	Webb
518	Taurus	+580 +460	AA	..	..	Hev.
<u>519</u>	Daves	+424 +296	10	2669	112	Birt;M(A)

494a N's α (NW 492) named Hall by Debes. (C.L.493).  
Ill defined.

517 Named Cap Chamisso by Sch.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No	Authori'
<u>520</u>	Plinius	+387 +265	24	2602	..	Ric.
520a	Plin. A	+399 +225	2	2624	..	Com.
520b	.. B	+429 +243	3	2682	..	Com.
521	.. $\alpha$	Ew	A	..	..	M
522	.. $\beta$	+387 +264	A	2603	113	M
523	.. $\gamma$	Nw	A	..	..	M
523a	.. $\delta$	+361 +264	A	2531	..	Com.
524	Taquet $\zeta$	+322 +250	A	..	..	M
525	.. $\eta$	+340 +258	A	..	..	M
526	Plin Ir	fr nNW 525 to E 519	/	..	..	M( $\delta$ )
527	.. IIr	fr N. 585 to NE 519	/	..	..	N( $\epsilon$ );S(r)
528	.. IIIr	fr SE end I to NW end II	/	..	..	N( $\zeta$ and $\theta$ )
*529	.. IVr	fr out nWw to N		..	..	S(p)
<u>531</u>	Ross	+363 +202	15	2541	..	M
532	.. Ir	fr nNE to 592	\	..	..	N( $\theta$ );S(r)
533	.. B	+338 +197	3	2470	..	M(b)
534	.. C	+318 +201	3	2396	..	M(c)
534a	.. D	+386 +218	5	2601	497	Fr(d);G(c)
534b	.. E	+390 +192	3	2609	..	Com.
534c	.. F	+403 +189	3	2631	..	Com.
534d	.. G	+413 +185	2	2653	..	Com.
534e	.. H	+366 +178	3	2551	..	Com.
<u>535</u>	Maclear	+338 +183	13	2471	124	Lee;M(Ross A)
535a	.. A	+303 +196	3	2357	..	Com.
<u>536</u>	Arago	+363 +107	16	2542	..	M
536a	Arag. B	+355 + 60	4	2517	..	S(See G.L.)
536b	.. C	+365 + 68	2	2550	..	Com.
536c	.. D	+378 +120	2	2577	..	Com.
536d	.. E	+382 +148	3	2584	..	Com.
<u>537</u>	Manners	+341 + 80	9	2482	9	Birt;M(A)
537a	Mann. A	+326 + 81	2	2432	..	Com.
<u>539</u>	Lamont	+392 + 90	0 40	..	..	Kr.-Kö;S(Arag.M)

CL.No.	Designation.	Co-ords	Diam.	Sa.No.	Fr.No.	Authorit;
<u>540</u>	Sabine	+343 + 24	18	2489	..	M
540a	Sab. A	+333 + 22	2	2452	..	Com.
540b	.. B	+376 + 25	2	2572	..	Com.
540c	.. C	+389 + 18	2	2606	..	Com.
540d	.. D	+402 + 23	2	2629	..	Com.
540e	.. E	+422 + 24	3	2663	..	Com.
541	.. a	+338 + 6	A	2465	..	M
<u>542</u>	Ritter	+329 + 35	19	2439	..	M
543	Rit. B	+324 + 57	8	2422	..	M(b)
544	.. C	+323 + 48	8	2419	..	M(c)
545	.. D	+321 + 64	4	2406	..	N(d)
546	.. Ir	fr.nN 542 to nNW 563	\	..	..	N(a)
547	.. IIr	fr.nE 544 to nS 564	\	..	..	N( $\beta$ )
548	.. IIr	fr.nE 544 to nN 553	\	..	..	N( $\gamma$ )
549	.. IVr	fr.nE 552 to nS 564	\	..	..	N( $\delta$ )
551	.. Vr	fr.S 542 to NE 3667	—	..	..	N( $\eta$ )
<u>552</u>	Schmidt	+322 + 17	7	2412	493	Birt;M(A)
<u>553</u>	Dionysius	+297 + 48	10	2345	36	Ric.
553a	Dion. A	+303 + 29	2	2358	..	Com.
554	.. a	E 553a	AA	..	..	M(See C.L.)
555	.. $\beta$	+286 + 61	A	..	..	M(See C.L.)
556	d'Arr. $\gamma$	Ww	A	..	..	M(Dion $\gamma$ )
557	.. $\delta$	+270 + 16	A	..	..	M(Dion $\delta$ )
558	.. $\epsilon$	Sw	A	..	..	M(Dion $\epsilon$ )
<u>559</u>	De Morgan	+257 + 58	6	2230	..	Birt
<u>560</u>	Whewell	+237 + 73	8	2156	366	Birt;M(b)
560a	Whe. A	+244 + 82	2	2181	..	Com.
560b	.. B	+249 + 87	2	2196	..	Com.
* <u>561</u>	Cayley	+260 + 69	8	2242	37	Birt;M(A)
<u>562</u>	d'Arrest	+257 + 40	$\phi$ 18	..	..	S
562a	d'Arr. A	+236 + 34	2	2146	..	Com.
562b	.. B	+235 + 17	3	2146	..	Com.

561 Sch. calls 561 "De Morgan" and 565 "Cayley."

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
<u>563</u>	Ariadæus	+297 + 80	6	2342	323	Ric.
564	Arid. A	+300 + 81	4	2350	..	M(a)
*565	.. B	+259 + 85	5	2239	324	M
565a	.. D	+292 + 85	2	2328	..	G
565b	.. E	+302 + 96	φ 10	..	..	G(B)
565c	.. F	+309 + 76	2	2369	..	Com.
566	.. α	+242 +112	Λ	..	..	M
567	.. β	+258 +108	Λ	..	..	M
568	.. γ	nN	Λ	..	..	M
569	.. δ	W 568	Λ	..	..	N
571	.. Ir	fr.E 565a to 571a		..	..	N(7)
<u>571a</u>	Ariadæus Cleft	+290 + 90 to +150 +160	\	..	..	G
<u>572</u>	Sosigenes	+299 +151	10	2347	133	Ric.
573	Sos. A	+314 +135	7	2385	134	M(a)
573a	.. B	+293 +145	2	2332	..	Com.
573b	.. C	+323 +126	2	2414	..	Com.
574	.. α	SE 535	Λ	..	..	M
575	.. β	E 573	Λ	..	..	M
576	.. γ	SE 573	Λ	..	..	M
577	.. δ	+296 +114	Λ	..	..	M
578	.. Ir	fr. 569 to 534		..	..	S(r)
<u>579</u>	Julius Cæsar	+257 +156	0 22	..	..	Ric.
579a	J. Cæ. B	+238 +170	4	2162	..	G
579b	.. C	+263 +127	3	2248	..	Com.
579c	.. D	+282 +125	3	2303	..	Com.
580	.. α	SEw	Λ	..	..	M
581	.. β	Close 579a	Λ	..	..	M
582	.. γ	NWw	Λ	..	..	M
583	.. δ	+228 +226	ΛΛ	..	..	M
584	.. ε	+220 +195	ΛΛ	2094	..	M(E)
584a	.. ζ	+253 +211	Λ	2213	..	Com.
584b	.. P	+240 +195	0 16	..	..	G

GL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
<u>585</u>	Pr. Acherusia	+354 +288	A	..	..	Hev.
<u>586</u>	Haemus	SE border of M.Seren	AA	..	..	M
<u>587</u>	Taquet	+315 +286	4	2387	136	Schr.
588	Taq. $\beta$	+324 +276	A	..	..	M( <u>B</u> )
589	.. $\gamma$	ESE <u>585</u>	A	..	..	M( <u>T</u> )
<u>591</u>	Menelaus	+264 +280	15	2249	..	Schr.
592	Taq. A	+335 +247	7	2462	136	M(Mene A)
593	.. B	+336 +280	4	..	..	N
593a	.. C	+350 +233	3	2508	..	Com.
<u>594</u>	Auwers	+284 +260	$\phi$ 10	..	..	Kr;M(b);G(P)
594a	Auw. A	+305 +238	4	2363	..	Com.
*595	Mene. S	+248 +271	$\phi$ 12	..	..	G; M(c)
595a	.. C	+242 +256	3	2175	..	Com.
595b	.. D	+273 +229	3	2277	..	Com.
596	.. $\alpha$	+280 +239	A	2296	..	M(Mene <u>A</u> )
597	Auwers $\alpha$	WNW	A	..	..	N(Mene $\alpha$ )
598	Mene. $\beta$	SE 595b	A	..	..	N(B)
599	S.Gal. $\gamma$	NE 605	A	..	..	M
600	Mene. $\delta$	+286 +212	A	..	..	N
601	.. $\epsilon$	W 604	A	..	..	M
603	.. Ir	NE 587;NW		..	..	N( $\theta$ )
603a	.. Iir	fr.E 587 to 606	\	..	..	G
604	.. A	+221 +293	4	2102	..	N;M(S.Gal. A)
605	S.Gal. B	+214 +309	4	2066	..	N;M(S.Gal. b)
<u>606</u>	Sulpicius Gallus	+191 +336	7	1986	526	Ric.
606a	S.Gal. A	+144 +375	3	1835	..	Com.
607	.. M	+142 +348	3	1825	..	S(m)
608	.. $\alpha$	NE 605;nS	AA	..	..	M
609	.. $\beta$	NW 795	A	..	..	M
610	Manilius $\beta$	SW 795	A	..	..	N(S.Gal. $\beta$ )
611	S.Gal. $\delta$	NE 606a	A	..	..	N( $\Delta$ )
*611a	.. C	+145 +367	A	1839	..	Com.

595 This is not actually M's supposed crater, but the formation in which he places it.

611a Hill and bright spot.



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
615	S.Gal.7	+108 +348	Λ	..	..	M
616	.. Ir	fr.nNE	\	..	..	M(e);N(ε)
617	.. IIr	fr.nS 599	\	..	..	N(7)
618	.. IIIr	nE 607	\	..	..	S(r)
<u>619</u>	Bessel	+286 +370	8	2309	17	M
620	Besl. α	+378 +398	Λ	..	..	M
621	.. 7	SE 623	Λ	..	..	N
622	.. A	+325 +418	4	2427	18	M
<u>623</u>	Deseilligny	+328 +360	4	2437	351	Lamèch;M(b)
625	Besl. D	+302 +459	3	2352	352	M(d)
*626	.. M	+268 +459	4	..	..	G;N(m)
627	.. E	+251 +336	4	2200	353	M(e)
627a	.. F	+223 +362	2	2108	..	Com.
*627b	.. G	+237 +360	4	2154	..	Com.
627c	.. H	+308 +433	2	2367	..	Com.
628	Linné E	+253 +447	3	2212	..	N(e);M(c)
* <u>629</u>	Linné	+181 +465	6	1961	79	M
631	Lin. A	+217 +484	3	2080	437	M
632	.. B	+211 +508	4	2052	438	M
*633	.. C	+161 +506	2	1888	..	M(c)
634	.. D	+258 +480	3	2234	..	M(d)
635	.. F	+203 +534	3	2027	439	S;G(C)
635a	.. H	+198 +555	2	2005	..	N(f);G(F)
635b	.. G	+186 +585	2	1975	..	G
<u>636</u>	Mare Serenitatis	+285 +440	+	..	..	Ric.
<u>637</u>	Lacus Somniorum	+410 +610	+	..	..	Ric.
<u>638</u>	Mason	+374 +675	18	..	..	M
*639	Mason A	+369 +678	2	..	..	(N)
639a	.. B	+369 +667	6	2555	480	Com.
640	.. C	+408 +680	8	2639	447	N and S
641	.. α	NEw	Λ	..	..	M
642	.. β	+400 +680	Λ	..	..	M

626, 627b, 629, 633 Bright spots.

639 N's "Mason a" is not a distinct crater and No.639 is here substituted for it.

CL.No.	Designation	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
643	Groves $\beta$	+401 +651	A	..	..	S(b)
<u>644</u>	Plana	+348 +672	21	..	..	M
645	Plan. C	+335 +679	8	2460	479	M
645a	.. D	+329 +666	4	2441	..	Com.
645b	.. E	+304 +650	4	2359	..	Com.
645c	.. F	+312 +640	3	2377	..	Com.
646	.. $\alpha$	SSWw	A	..	..	N
646a	.. $\delta$	+290 +631	A	2324	..	Com.
646b	.. $\gamma$	+288 +634	A	2318	..	Com.
646c	.. $\beta$	+291 +638	A	2325	..	Com.
646d	.. $\epsilon$	+297 +627	A	2343	..	Com.
<u>647</u>	Bürg	+334 +708	18	2458	..	M
648	Bürg A	+373 +729	8	2563	354	M
649	.. B	+304 +678	4	..	..	M
650	.. $\alpha$	NEw	A	..	..	M
651	.. $\beta$	+286 +708	A	..	..	M( <u>B</u> )
652	.. $\gamma$	NE edge <u>658</u>	A	..	..	N
654	.. Ir	nNE to S 659	—	..	..	N( <u>Z</u> )
<u>658</u>	Lacus Mortis	+280 +680 to +410 +770	+	..	..	Ric.
<u>659</u>	Baily	+328 +763	0 17	..	..	M
660	Baily A	+344 +751	11	2490	344	M
661	.. B	+362 +776	4	2535	..	M
662	.. C	+350 +768	5	..	..	M
*663	.. D	+327 +766	0 8	..	..	M
664	.. $\alpha$	Ew	A	..	..	M
665	.. $\beta$	+308 +770	AA	..	..	M
666	.. $\epsilon$	N Bürg	AA	..	..	N( <u><math>\Gamma</math></u> )
667	.. $\gamma$	S 665	A	..	..	M
668	.. $\delta$	+300 +730	A	..	..	M
* <u>669</u>	Gärtner	+290 +855	0 60	..	..	Schr.
670	Gärt. A	+292 +872	5	..	..	M
*671	.. B	+320 +850	4	..	..	M(b)

663 A triangular bay on inner NEw is substituted for M's minute crater.  
 669 An incomplete formation between 669 and 696 is called Danjon by Lamèch.  
 671 M's b: N's is very minute and further north.

CL.No.	Designation.	Co-ords.	Diam:	Sa.No.	Fr.No.	Authority.
672	Gärt. C	+262 +859	4	..	..	N(c)
672a	.. D	+292 +852	4	2327	401	Com.
672b	.. F	+271 +843	9	2269	297c	G(O)
672c	.. E	+330 +879	3	2442	..	Com.
673	.. a	n8 670	Λ	..	..	M(A)
673a	.. Ir	S ct to NWw		..	..	S(r)
<u>674</u>	Schwabe	+301 +907	φ 13	..	365	S
<u>675</u>	Cusanus	+293 +950	32	..	330	S
675a	Cus. A	+299 +943	9	..	331	Com.
675b	.. B	+308 +941	12	..	332	Com.
<u>676</u>	Democritus	+267 +885	24	2262	303	Ric.
677	Democ. A	+255 +879	6	2226	302	M
678	.. B	+239 +866	7	2166	301	M
679	.. C	+219 +859	5	2087	364	M(c)
679a	.. D	+236 +890	4	2150	..	Com.
680	Schwabe F	+307 +916	10	..	308	M(f)
681	.. G	+278 +910	7	2287	307	M(g)
682	Democ. a	NEW	Λ	..	..	M
<u>683</u>	Moigno	+190 +914	0 18	..	..	Birt
684	Peters γ	+185 +944	ΛΛ	..	..	M(Γ)
685	Moi. C	+198 +913	5	..	327	M(Arn c); N
685a	.. A	+211 +905	10	2054	306	Fr.
<u>686</u>	Arnold	+231 +919	0 50	..	326	Schr.
687	Arn. A	+230 +936	31	..	..	M(a)
689	.. E	+194 +951	12	..	..	N(e)
689a	.. G	+201 +923	6	2019	329	Fr(g)
689b	.. F	+220 +923	5	2098	328	Fr(f)
*689c	.. C	+241 +909	4	2170	..	Com.
689d	.. J	+227 +912	3	2127	..	G(E)
689e	.. D	+216 +959	7	..	338	Com.
689f	.. H	+212 +954	7	..	337	Com.
690	.. a	Sw,W 689c	Λ	..	..	M(A)

689c Perhaps a hill.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
691	Arn. $\beta$	+235 +937	A	..	..	M( <u>B</u> )
692	Kane $\gamma$	In SSWw	A	..	..	M(Arn $\Gamma$ )
<u>694</u>	Petermann	+250 +962	0 34	..	333	S
694a	Petem. A	+260 +966	6	..	334	Com.
694b	.. B	+266 +955	5	..	335	Com.
694c	.. C	+266 +948	7	..	336	Com.
694d	.. D	+209 +974	8	..	339	Com.
694e	.. E	+242 +953	6	2173	..	Com.
<u>695</u>	Peters	+185 +928	6	..	..	Birt? M(Arn d)
* <u>696</u>	Kane	+193 +892	0 36	..	..	S
696a	.. F	+199 +862	3	2012	..	G(f)
696b	.. A	+219 +876	3	2089	..	Com.
<u>697</u>	Christian Mayer	+134 +893	23	1795	305	Schr.
697a	Chr. Ma. E	+134 +876	5	1792	..	Com.
<u>698</u>	Sheepshanks	+150 +859	14	1854	300	Birt? M(A)
698a	Sheeps. A	+162 +865	3	1892	..	Com.
698b	.. B	+178 +868	3	1951	..	Com.
699	Chr. Ma. B	+135 +868	0 25	..	..	M(b)
699a	.. D	+155 +882	0 35	..	..	G(B)
699b	.. E	+157 +883	3	1880	..	Com.
700	Sheeps. C	+169 +838	6	1918	296	M
700a	Chr. Ma. $\zeta$	+136 +892	A	..	304	Com.
701	.. $\alpha$	Ww 699a	A	..	..	M
702	.. $\beta$	out NWw 697a	A	..	..	N
703	.. $\gamma$	SWw 699a	A	..	..	N
704	Sheeps. $\delta$	Ww	A	..	..	N
705	.. $\epsilon$	+141 +835	A	1819	..	M( <u>E</u> )
706	.. 7	+120 +809	A	..	..	M
<u>709</u>	Mare Frigoris	+420 +760 to -420 +900	+	..	..	Ric.
<u>710</u>	Aristoteles	+191 +768	50	..	525	Ric.
710a	Artot. $\zeta$	+188 +764	A	1982	..	Com.
710b	.. $\theta$	+192 +765	A	1990	..	Com.

696 Called "Moigno" by Goo and W1.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority
711	Artot. $\alpha$	Ew	A	..	..	M
712	.. $\beta$	WNWw	A	..	..	M
714	.. $\gamma$	+180 +806	A	1957	..	N( $\Gamma$ )
716	.. $\delta$	+158 +743	A	..	..	M( $\Delta$ )
717	.. $\epsilon$	+266 +774	AA	..	..	N
718	.. $\eta$	In SEw	A	..	..	N
719	.. Ir	Midway betw 965 and 714	\	..	..	N( $\psi$ )
720	.. IIr	E 725 to 700	\	..	..	N( $\theta$ )
<u>721</u>	Mitchell	+222 +758	14	..	..	S;M(a)
721a	Mitch. A	+214 +753	3	2067	..	Com.
721b	.. B	+220 +748	3	2097	..	Com.
722	Galle C	+221 +845	6	2100	298	M(Artot. C)
723	Mitch. E	+249 +739	4	2194	..	M(Artot. e)
723a	Artot. N	+272 +797	3	2272	..	Com.
724	.. M	+272 +803	4	2273	..	M; N(m and )
724a	.. D	+172 +737	3	1930	..	Com.
<u>725</u>	Galle	+213 +827	12	2064	294	S;M(B)
725a	.. A	+223 +808	3	2109	..	Com.
*725b	.. B	+170 +823	3	1925	..	Com.
<u>726</u>	Eudoxus	+202 +699	38	..	..	Ric.
*727	Eux. A	+239 +717	8	2167	41	M
728	.. B	+208 +715	4	2045	..	M
<u>729</u>	Lamèch	+167 +679	6	1909	..	Mül ;M(e)
730	Eux. D	+166 +686	5	1905	..	M
730a	.. E	+258 +699	3	2236	..	Com.
732	.. G	+226 +712	3	2120	..	N(g)
733	.. $\alpha$	Ww	A	..	..	M
734	.. $\beta$	SEw	A	..	..	M
735	.. $\gamma$	NEw	A	..	..	M
736	.. $\delta$	+250 +657	A	..	..	M( $\Delta$ )
737	.. $\epsilon$	+200 +720	A	..	..	N
738	.. $\kappa$	+248 +690	A	..	..	N

725b NE of two equal craters numbered 1925 and 1932 in Saunder's Catalogue.

727 Named Myriame by Lamèch.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
738a	Eux. $\eta$	+253 +670	A	2209	..	Com.
742	.. Ir	fr. N 730	\	..	..	N( $\theta$ )
743	.. IIr	to FN 937		..	..	N( $\epsilon$ )
746	Alexander	fr.nw 937 to N	O 43	..	..	Birt
746a	Alex. A	+180 +645	2	1995	..	Com.
746b	.. B	+195 +652	3	2011	..	Com.
747	.. $\alpha$	+199 +646	A	..	..	N
747a	.. $\beta$	SWw	A	2265	..	Com.
748	Calippus	+269 +651	28	..	..	Ric.
749	Cal. A	+142 +627	8	1716	..	M(a)
750	.. B	+110 +602	4	1821	..	M(b)
750a	.. D	+141 +589	3	1882	..	Com.
751	.. $\alpha$	+158 +592	AA	..	..	M
752	.. $\beta$	+128 +634	AA	..	..	M(B)
753	.. $\gamma$	+118 +625	AA	..	..	M
754	.. $\delta$	+160 +639	AA	..	..	M
755	.. $\epsilon$	+158 +645	AA	..	..	M
756	.. $\zeta$	+178 +664	AA	..	..	M
*757	.. $\eta$	W 749	A	..	..	M
*758	.. $\theta$	+110 +590	A	..	..	M
759	.. $\iota$	+120 +590	A	..	..	M( $\odot$ )
760	.. $\kappa$	+130 +531	A	..	..	M(I)
761	.. $\lambda$	+235 +605	A	..	..	M(K)
762	.. $\mu$	+140 +647	A	..	..	N
*764	.. $\phi$	+150 +660	A	..	..	N
765	.. $\chi$	+100 +590	A	..	..	N
*766	.. $\omega$	+124 +612	A	..	..	N
767	Caucasus	+110 +580	A	..	..	N
768	Cauc. $\alpha$	+90 +510 to to +230 +655	AA	..	..	M
*769	.. $\beta$	+127 +511	AA	..	..	S(a)
*770	.. $\gamma$	S point	A	..	..	S(b);N(Thee $\omega$ )
771	.. $\nu$	+100 +524	A	..	..	S(c)
		N 770	A	..	..	S(d)

757, 758, 764, 766 are numbered twice in C.L. 775, 779, 776, 774.  
769, 770 Sch. calls the S spur of Caucasus "Cape Faraday."

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
772	Cauc. $\epsilon$	+102 +553	A	1689	..	S(e)
773	.. $\zeta$	nN 772	A	..	..	S(f)
778	.. $\delta$	+130 +600	A	..	..	S
780	.. $\theta$	+134 +548	A	..	..	S
*781	.. $\eta$	+142 +553	A	1824	..	S
782	.. $\mu$	+110 +536	A	..	..	S
783	.. $\iota$	+110 +543	AA	..	..	S
784	.. $\kappa$	+125 +535	A	..	..	S
785	.. L	+132 +521	2	1784	..	S( $\lambda$ )
<u>787</u>	Mount Hadley	+ 72 +452	A	..	..	Schr.
*788	C.Fresnel Ir	fr. nSE to NE	/	..	..	S(r)
789	Mt. Had. $\alpha$	+ 86 +474	A	..	..	M
790	.. $\delta$	+ 56 +430	A	..	..	N
791	.. $\gamma$	+106 +460	A	..	..	M( $\Gamma$ )
* <u>792</u>	Cape Fresnel	+ 75 +483	AA	..	..	Lo, Kr, etc.
793	C. Fres. $\psi$	+ 88 +490	A	..	..	N(Thae $\psi$ )
793a	.. $\phi$	+107 +478	A	1710	..	Com.
<u>794</u>	Manilius	+153 +250	21	1866	..	Ric.
795	Mani. A	+151 +303	5	1857	443	M
796	.. B	+122 +286	3	1750	..	M
797	.. C	+176 +209	4	1944	444	M
798	.. D	+119 +229	4	1739	445	M
799	.. E	+107 +313	0 28	..	..	N
800	.. F	+ 79 +291	5	1611	446	N(f)
801	.. N	+203 +244	0 48	..	..	S(n);G(S)
801a	.. G	+163 +267	3	1896	..	G(B)
801b	.. H	+143 +306	2	1826	..	Com.
801c	.. K	+190 +207	2	1984	..	Com.
802	.. $\epsilon$	ct	A	..	..	N(A')
803	.. $\alpha$	+190 +270	A	..	..	M(A)
804	.. $\beta$	+ 90 +259	A	..	..	M
806	.. $\delta$	+180 +258	A	..	..	M

781 Called  $\theta$  in Sa's catalogue.

788 This is "Pickering's Riverbed", its special character having been first observed by W.H.Pickering.

792 Sch's Cape Fresnel is not quite identical with this.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
807	Mani. C	+126 +302	A	..	..	M
<u>810</u>	Boscovich	+188 +170	0 26	..	..	M
810a	Bosc. A	+216 +164	4	2075	..	Com.
810b	.. B	+158 +170	3	1884	..	Com.
812a	.. P	+173 +202	0 36	..	..	G
813a	Silb. P	+206 +120	0 20	..	..	G
813b	.. S	+206 +142	0 26	..	..	G
814	Bosc. α	+184 +159	A	..	23	M(A)
815	.. β	+208 +156	A	..	..	N
<u>816</u>	Silberschlag	+216 +108	10	2077	129	M
817	Silb. α	+231 +113	A	..	..	M
818	.. β	+213 +101	A	..	..	M
819	.. A	+227 +121	4	2126	130	M(a)
*820	.. D	+191 +132	3	..	..	N
820a	.. E	+220 + 91	2	2095	..	Com.
<u>821</u>	Agrippa	+181 + 73	24	..	..	Ric.
822	Temp. α	+220 + 68	A	..	..	M;(Agra α)
823	Agr. β	+181 + 59	A	..	..	M
824	.. γ	+137 + 63	A	..	..	M
<u>824a</u>	Tempel	+206 + 64	0 24	..	..	Kr;G(P)
<u>825</u>	Dembowsky	+126 + 48	18	..	..	Kr;M(a);G(T)
825a	Demb. A	+113 + 53	3	1727	..	Com.
826	Agr. B	+164 +108	3	1898	..	M(b)
827	.. D	+117 + 64	φ 12	..	..	S(d)
827a	.. S	+156 + 94	0 18	..	..	G
827b	.. E	+147 + 90	3	1846	..	Com.
827c	.. F	+197 + 76	4	2002	..	Com.
<u>828</u>	Godin	+176 + 33	18	..	..	Schr.
829	.. A	+168 + 47	6	1914	413	M
830	.. B	+171 + 13	7	1929	..	M(b)
831	.. C	+146 + 27	2	1842	..	N(c)
831a	.. D	+144 + 17	3	1832	..	Com.

820 Lo's "Silberschlag."



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
831b	Godin E	+214 + 29	2	2068	..	Com.
832	.. a	+202 + 20	Λ	..	..	M
<u>833</u>	Rhaeticus	+ 84 + 0	0 28	..	..	M
834	Rhae. A	+ 91 + 30	6	1649	122	M
835	.. B	+119 + 28	4	1740	123	M(b)
*835a	.. D	+108 + 15	4	1711	..	Com.
835b	.. E	+104 - 2	3	1702	..	Com.
836a	.. C	+ 83 + 21	φ 7	..	..	G
837	.. a	+117 + 20	Λ	..	..	M
838	.. γ	NWw	Λ	..	..	M
839	.. β	+110 + 12	Λ	..	..	M
839A	.. δ	+ 80 - 23	Λ	..	..	M
840	.. λ	+ 55 - 22	Λ	..	..	N
841	.. η	NEw 835	Λ	..	..	N
842	.. Ir	E 836a	—	..	..	M(η)
843	.. IIr	WSW 855		..	..	M(θ)
844	.. IIIr	N ct	—	..	..	N(φ)
845	.. IVr	nNW 840	\	..	..	N(ψ)
846	Triesnecker	+ 63 + 73	15	1560	145	Lo.
*847	Tries. Ir	SE 856		..	..	M(β)
848	.. IIr	SE 867	/	..	..	M(γ)
849	.. IIIr	N 848 NE 867	\	..	..	M(δ)
850	.. IVr	E 849	/	..	..	M(ε)
851	.. Vr	E 847		..	..	M(ζ)
852	.. VIr	W 849, N867	/	..	..	M(c)
852a	.. E	+ 44 + 97	3	1500	..	Com.
852b	.. F	+ 84 + 72	2	1627	..	Com.
<u>855</u>	Blagg	+ 26 + 21	3	1445	..	Lamèch;M(c)
856	Tries. D	+104 + 61	3	1699	..	M(d)
<u>857</u>	Bruce	+ 7 + 20	5	1377	132	Kr;S(Birt)
<u>858</u>	Murchison	0 + 90	0 36	..	..	Birt
859	Mur. a	nNE 864	Λ	..	..	M(Tries. a)

835a SE of two Craters.

847 Cleft.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
860	Mur. $\beta$	+ 3 + 62	A	..	..	N(a)
862	.. $\gamma$	- 6 + 74	A	..	..	N
863	.. $\delta$	- 2 +102	A	..	..	N;M(Pallas $\delta$ )
864	.. B	+ 20 + 78	B	..	..	N(b)
<u>865</u>	Chladni	+ 20 + 70	B	1421	146	S;M(A)
<u>866</u>	Hyginus	+109 +135	5	..	69	Ric.
867	Hyg. A	+ 99 +110	4	1679	..	M(a)
*868	.. E	+147 +152	3	1845	..	Com.
869	.. B	+ 88 +132	3	1641	..	M(b)
870	.. C	+144 +134	3	1831	..	M
870a	.. F	+148 +139	3	1850	..	Com.
870b	.. G	+102 +190	2	1686	..	Com.
870c	.. H	+122 +104	2	1751	..	Com.
871	.. D	+ 74 +198	3	1597	..	M
<u>872</u>	Schneckenberg	+109 +160	AA	..	..	Kr;M( $\beta$ )
873	Hyg. $\gamma$	+124 +178	A	..	..	M
874	.. $\delta$	+110 +180	A	..	..	N
*875	.. $\zeta$	+158 +139	10	..	..	N( $\zeta$ )
*875a	.. S	+138 +114	12	..	..	G
<u>876</u>	Hyginus Gleft.	Thro' Hyg. f SW to f NE	\	..	..	G;M(a)
877	Hyg. Ir	S 875	—	..	..	N( $\zeta$ )
<u>879</u>	Ukert	+ 24 +134	14	..	147	M
880	Uke. A	+ 24 +152	5	1436	..	M
*881	.. B	+ 23 +144	9	..	..	Kr(A)
882	.. E	+ 7 +156	3	1379	..	N(e)
883	.. Ir	Thro' 882	\	..	..	N( $\epsilon$ )
886	.. $\alpha$	+ 52 +148	A	..	..	M;N( $\beta$ )
887	.. $\beta$	+ 44 +144	A	..	..	M
888	.. $\gamma$	+ 39 +130	A	..	..	M
889	.. D	nNW 1229	//	..	..	M( $\delta$ )
<u>890</u>	Mare Vaporum	+ 70 +240	+	..	..	Ric.
<u>891</u>	Conon	+ 32 +369	12	1464	281	Ric.

868 Substituted for that of C.L.- N's supposed A was an error and Sch's C does not represent a crater.

875 Dark patch;also 875a. 881 is substituted for N(b).

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
892	Cono. A	+ 72 +337	3	1589	..	M
893	.. $\alpha$	+ 55 +346	A	..	..	M( <u>A</u> )
894	.. $\beta$	+ 13 +334	AA	..	..	M
*895	Aratus	+ 72 +400	6	1590	10	Ric.
*896	Arat. A	+ 81 +374	5	1617	321	M, N and S(a)
897	Hadley A	+104 +423	3	1701	..	N(Arat a)
897a	Had. B	+ 73 +466	4	1594	..	Com.
899	Arat. C	+150 +407	2	1856	..	N(c)
901	.. $\alpha$	+ 71 +407	A	1582	..	N
902	.. $\beta$	+ 96 +422	A	1671	..	N
903	Apennines	-200 +280 to + 90 +490	AA	..	..	Hev.
*904	Mount Bradley	+ 6 +396	AA	..	..	Schr.
905	Brad. $\alpha$	+ 14 +420	A	..	..	M( <u>A</u> )
906	.. $\beta$	- 12 +356	A	..	..	M
907	.. $\phi$	0 +375	A	..	..	N
908	P.Putredinis	+ 10 +480	+	..	..	Ric.
909	Autolycus	+ 22 +510	21	1426	..	Ric.
909a	Auto. A	+ 33 +514	3	1465	..	Com.
909b	.. B	+ 24 +493	3	1437	..	Com.
910	.. $\alpha$	+ 14 +492	A	..	..	M( <u>A</u> )
911	.. $\beta$	+ 40 +470	AA	..	..	M
912	.. $\gamma$	+ 50 +490	AA	..	..	M
913	.. $\delta$	NEw	A	..	..	M( $\Delta$ )
914	.. $\epsilon$	nN 909a	A	..	..	M
914a	.. 7	+ 4 +516	A	..	..	G
915	.. Ir	fSE 911	\	..	..	N(77)
916	.. IIr	nW 912		..	..	S(r)
917	Aristillus	+ 18 +557	30	1416	..	Ric.
917a	Artil. A	+ 66 +553	3	1572	..	Com.
918	.. $\alpha$	Ew	A	..	..	M
919	.. $\beta$	Ww	A	..	..	M
920	.. $\gamma$	+ 73 +544	A	..	..	M

895 Goo. and Wi. name Aratus a large ill-defined depression between 787 and 897.

896 Named Moumouris by Lamèch.

904 Sch's Bradley is further SE.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
*921	Artil. B	- 27 +570	4	1274	..	M(Kirch b)
<u>922</u>	P.Nebularum	+ 50 +630	+	..	..	Ric.
<u>923</u>	Thesetetus	+ 84 +602	13	1628	..	Ric.
924	Thes. $\alpha$	+ 88 +607	A	..	..	M
925	.. $\beta$	+ 68 +611	A	1576	..	M
926	.. $\gamma$	+106 +612	A	..	..	S(B)
927	.. Ir	SW 920 NE 771	/	..	..	N( $\eta$ )
928	.. Iir	fr. nNE to nE 939	/	..	..	N( $\theta$ )
<u>929</u>	Cassini	+ 62 +647	31	..	..	Schr.
930	Cass. A	+ 63 +649	8	1561	355	M
931	.. B	+ 52 +642	5	1525	..	M(b)
932	.. C	+101 +665	7	1685	30	M
*933	.. E	+ 93 +681	5	1658	..	M
934	.. F	+ 96 +654	4	1667	..	M(f)
935	.. G	+ 68 +703	3	1575	..	M
935a	.. L	+ 55 +694	3	1538	..	Com.
936	.. M	+ 49 +660	5	1515	..	S(m)
936a	.. N	+ 67 +678	3	1573	..	Com.
936b	.. K	+ 50 +708	2	1518	..	Com.
937	.. $\alpha$	+138 +678	AA	..	..	M
938	.. $\beta$	+145 +668	AA	..	..	M
939	.. $\gamma$	+123 +660	AA	..	..	M
940	.. $\delta$	nE 936a	AA	..	..	M
941	.. $\epsilon$	+ 71 +667	AA	..	..	M
<u>942</u>	Prom.Deville	+ 10 +682	AA	..	..	Birt;M(z)
<u>943</u>	Prom.Agassiz	+ 20 +672	AA	..	..	Birt;M( $\eta$ )
<u>944</u>	Alpine Valley	0 +735 to + 75 +770	//	..	..	Schr;S( $\theta$ )
945	Cass. $\theta$	+ 60 +707	A	..	..	M
946	.. $\iota$	+ 58 +743	AA	..	..	M
947	.. $\kappa$	+ 17 +696	A	1412	..	N
948	.. $\pi$	+ 10 742	A	..	..	N
949	.. $\phi$	NE 945	A	..	..	N

921 Also 1146 N(Archim b)

933 Named Baldet by Lamèch.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
949a	Cass. $\lambda$	+ 91 +666	A	1650	..	Com.
<u>950</u>	Alps	+ 40 +670 to 0 +810	AA	..	..	Hev.
<u>951</u>	Mont Blanc	0 +710	AA	..	..	Schr.
952	Mt. Bl. $\alpha$	+ 10 +720	A	..	..	N
953	.. $\beta$	- 10 +710	A	..	..	N
954	.. $\gamma$	- 5 +700	A	..	..	N
955	.. $\delta$	+ 3 +730	A	..	..	N
956	Alps $\alpha$	+ 35 +674	A	..	..	S(a)
<u>964</u>	Egede	+126 +746	0 28	..	..	M
965	Ege. A	+113 +782	6	1729	293	M
966	.. B	+ 98 +771	5	1678	367	M(b)
967	.. C	+144 +767	3	1833	368	M(c)
<u>968</u>	Trouvelot	+ 66 +758	5	1570	369	Fauth;M(d)
968a	Ege. G	+ 74 +787	3	1598	..	G(D)
968b	.. E	+117 +762	2	1736	..	Com.
968c	.. F	+134 +787	2	1791	..	Com.
968d	Trou. H	+ 51 +764	3	1521	..	Com.
<u>971</u>	Archytas	+ 46 +855	20	1507	299	Ric.
971a	Archy. B	+ 30 +880	0 40	..	..	G
972	.. $\alpha$	WSW 983	A	..	..	M
973	.. $\beta$	NW 983	A	..	..	M
974	.. $\gamma$	+ 55 +868	A	..	..	M
975	.. $\delta$	+ 30 +870	A	..	..	M
976	Prota. $\epsilon$	+ 48 +793	AA	..	..	M(Archy $\epsilon$ )
977	Archy. $\epsilon$	+ 72 +885	A	..	..	N
978	Prota. $\zeta$	+ 38 +777	A	..	..	M(Archy $\zeta$ )
979	.. $\eta$	+ 20 +768	AA	..	..	M(Archy $\eta$ )
980	Archy. $\chi$	+ 48 +870	AA	..	..	N
981	.. Ir	SE 985	\	..	..	N( $\theta$ )
982	.. C	+ 60 +888	//	..	..	M

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority
983	Archy. D	+ 85 +886	0 30	..	..	N(d)
984	Trou. D	+ 13 +749	7	..	..	N(Archy d)
<u>985</u>	Protagoras	+ 72 +828	13	1584	295	S;M(A)
985a	Prota. B	+ 55 +832	3	1536	..	Com.
985b	.. E	+ 6 +760	3	1375	..	Com.
<u>986</u>	W.C.Bond	+ 30 +910	0 80	..	..	Birt
987	W.C.Bo. B	+ 55 +906	9	1539	12	N;M(Prot B)
987a	.. C	+ 59 +911	4	1548	322	Com.
987b	.. D	+ 25 +895	3	1441	..	Com.
<u>988</u>	Meton	+104 +957	0 100	..	464	Ric.
989	Meto. A	+144 +953	10	..	..	N(a)
*990	Nelson	+150 +925	0 35	..	..	Lam;M(a);S(
991	Meto. B	+100 +947	3	1681	..	M
992	.. a	+120 +945	A	..	..	M
993	.. β	nNW 990	A	..	..	N(γ)
994	.. δ	S 995	A	..	..	N
996	.. γ	+105 +960	A	..	..	M(Γ)
<u>997</u>	Euctemon	+122 +972	0 34	..	381	Ric.
<u>998</u>	Baillaud	+155 +960	0 52	..	..	Lam;N(a)
998a	Euct. C	+150 +970	12	..	466	Fr(Meton C)
999	Baillaud B	+157 +952	8	..	..	M(Euct B)
*999a	.. E	+158 +962	6	1885	465	Com.
999b	Euct. D	+141 +975	11	1818	467	Fr(Meton d)
999c	.. J	+110 +984	0 35	..	382	Fr(i)
999d	.. F	+132 +984	12	..	383	Fr(f)
999e	.. G	+130 +981	5	..	384	Fr(g)
999f	.. H	+106 +971	9	..	385	Fr(h)
1000	.. a	Ww	A	..	..	M
1001	.. β	Ew	A	..	..	M
1002	.. γ	+ 91 +977	A	..	..	N
<u>1005</u>	Barrow	+ 45 +949	0 50	..	..	M
1006	Barw. A	+ 22 +943	16	1427	345	M(a)

990 Gaudibert named No. 4698 "Nelson".

999a Called "Euctemon B" in Sa's Catalogue.

GL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1007	Barw. B	+ 59 +942	3	..	..	N
1009	.. C	+ 53 +962	20	..	..	N(c)
1010	.. $\alpha$	Ew	A	..	..	M( <u>A</u> )
1011	.. $\beta$	nW 1007	A	..	..	M( <u>B</u> )
1012	.. $\gamma$	Ww	A	..	..	N( $\beta$ )
*1013	Scoresby	+ 52 +978	0 23	1527	501	M
1014	Sco. A	+ 75 +985	19	..	386	M
1014a	.. L	+ 57 +988	7	..	387	Fr(Euct l)
1014b	.. M	+ 51 +989	5	..	388	Fr(Euct m)
1014c	.. N	+ 50 +991	6	..	389	Fr(Euct n)
<u>1015</u>	Challis	+ 29 +983	0 31	..	502	Birt;M(b)
1015a	Chall. A	+ 3 +976	10	1359	..	Com.
<u>1016</u>	Main	+ 28 +988	0 27	..	503	Birt;M(c)
1017	.. $\alpha$	NW	A	..	..	N
<u>1018</u>	Gioja	+ 4 +993	20	1364	409	M
1018a	Gio. A	+ 14 +996	$\phi$ 28	..	410	Fr(a)
1018b	.. B	+ 10 +998	0 20	..	411	Fr(b)
1019	.. $\alpha$	Ew 1018b	A	..	..	N
1020	.. $\beta$	Nw 1018a	A	..	..	N
1021	.. $\gamma$	E 1019	A	..	..	N
1022	.. $\delta$	NWw 1018a	A	..	..	N
* <u>1023</u>	Goldschmidt	- 15 +960	0 50	..	..	Birt
1023a	Gols. A	- 13 +953	4	1312	..	Com.
1024	.. $\alpha$	Ww	A	..	..	N
1025	.. J	Out Nw	∥	..	..	S(r)
*1026	Anaxagoras	- 50 +959	0 34	1193	538	Ric.
1027	Anxor. A	- 37 +952	10	1238	539	M(a)
1027a	.. B	- 63 +937	3	1149	..	Com.
<u>1028a</u>	Mouchez	- 80 +985	0 45	..	..	Gaud;G(D)
1029	Anxor. $\eta$	Ew	A	..	..	M;N(a)
1030	.. $\theta$	NWw	A	..	..	N( $\beta$ )
1031	.. $\alpha$	- 50 +990	A	..	..	M( <u>A</u> )

1013 Lo's "Scoresby" is between Nos.1013 and 1014.

1023, 1026 Lo's Anaxagoras is 1023.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1032	Mouchez $\beta$	- 75 +975	A	..	..	M(Anxor <u>B</u> )
1033	Anxor. $\gamma$	- 80 +960	AA	..	..	M
1034	.. $\delta$	- 90 +950	AA	..	..	M( $\Delta$ )
1035	Golds. $\epsilon$	- 12 +975	A	..	..	M(Anxor <u>E</u> )
1036	.. $\zeta$	- 42 +945	AA	..	..	M(Anxor $\zeta$ )
1037	Mouchez $\zeta$	-120 +980	A	..	..	M(Anxor <u>Z</u> )
1038	.. $\eta$	-105 +990	A	..	..	M(Anxor $\eta$ )
1039	.. $\iota$	- 64 +995	A	..	..	N(Anxor 1)
<u>1040</u>	Epigenes	- 35 +922	O 30	..	..	(Ric.)
1041	Epig. A	- 3 +920	10	1339	..	M(a)
1042	.. D	+ 3 +928	3	..	..	N(b)
1043	.. B	- 28 +932	4	..	..	M
1043a	.. P	- 43 +907	O 32	..	..	G
1044	.. $\alpha$	Ww	A	..	..	M
1045	.. $\beta$	Sw	A	..	..	M
1046	.. $\gamma$	- 13 +930	AA	..	..	M
1047	.. $\delta$	- 38 +903	A	..	..	M
1048	.. $\epsilon$	- 60 +896	AA	..	..	M
1049	.. $\zeta$	- 90 +910	AA	..	..	M
1050	.. $\eta$	- 67 +925	AA	..	..	M( <u>H</u> )
<u>1051</u>	Timæus.	- 4 +890	20	1335	787	Ric.
1052	Timæ. $\alpha$	WNWw	A	..	..	M
1053	.. $\beta$	- 30 +876	A	..	..	M
1054	.. $\gamma$	- 65 +860	A	..	..	M
1055	.. $\delta$	- 30 +845	AA	..	..	M
1056	.. $\epsilon$	- 50 +890	A	..	..	M
1057	.. $\zeta$	- 50 +878	AA	..	..	M
1058	Birm. $\eta$	- 75 +873	AA	..	..	M(Timæ $\eta$ )
<u>1062</u>	Plato	-100 +782	56	..	736	Ric.
*1064	Plato A	-142 -798	16	..	737	M
*1065	Alps A	- 3 +781	8	1337	743(n)	M(A);N(A')
1065a	.. B	- 11 +716	3	1316	..	Com.

1064 Called "J.Gwilt" by Birt.

1065 M and N use prefix Plato.



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1066	Plato B	-178 +799	8	805	738	M
1067	.. C	-199 +800	5	745	..	M(c)
1068	.. N	- 58 +768	φ 6	..	..	N(d)
1069	.. D	-162 +761	7	846	739	M
1070	.. E	-180 +762	4	800	..	N;M(e)
1071	.. F	-185 +784	3	785	..	M(f)
*1072	.. G	- 67 +789	5	1135	740	M
1073	.. H	- 20 +820	8	1291	741	M
*1074	.. M	-160 +799	4	851	..	M(h)
1074a	.. P	-163 +782	4	844	744	Fr(p)
*1075	.. J	- 52 +754	∞ 4	1190	742	M(i);Fr(m)
*1076	.. K	- 39 +728	∞ 4	1234	..	M
*1077	.. L	- 48 +783	10	1201	..	G(T)
*1077a	.. R	-187 +806	∞ 4	779	..	Com.
1077b	.. W	-165 +840	3	836	..	Com.
*1077c	.. S	-152 +806	∞ 3	876	..	Com.
1077d	.. T	-113 +814	4	1001	..	Com.
1077e	.. Q	- 49 +814	4	1200	..	Com.
1077f	.. X	-153 +767	3	873	..	Com.
1077g	.. U	- 83 +761	3	1091	..	Com.
*1077h	.. O	-162 +790	4	845	..	Com;M(h?)
1078	.. α	- 30 +770	Λ	..	..	M(α and A?)
1080	.. β	+ 7 +828	Λ	..	..	M(β)
1081	.. γ	SWW	Λ	..	..	M
1082	.. δ	- 71 +786	Λ	..	736	M;Fr(W)
1083	.. ε	NE 1072	Λ	..	..	M
*1084	.. ζ	-128 +777	Λ	..	736	M;Fr(E)
1086	.. η	-153 +780	Λ	..	..	M
1087	.. γ	- 55 +778	ΛΛ	..	..	M(γ)
1088	.. Y	-168 +799	5	827	..	M(Λ, θ)

1072 N's G is further North

1077 Probably not the "1" of Mä. etc., which is probably a Crater(φ) at -20 +790.

1074 SE Crater of row.

1077a NE Crater of three.

1075 NW Crater of two.

1077c SW Crater of two.

1076 W Crater of two.

1077h SE Crater of two.

1084 Fr regards this formation as a Crater.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1089	Plato $\iota$	-128 +742	$\Delta\Delta$	..	..	M
1090	.. $\kappa$	- 78 +757	$\Delta\Delta$	1107	..	M( <u>K</u> )
1091	.. $\lambda$	- 40 +746	$\Delta$	1229	..	M
1092	.. $\mu$	- 35 +750	$\Delta\Delta$	..	..	M
1093	.. $\chi$	- 27 +764	$\Delta$	..	..	N
1094	.. $\nu$	- 63 +806	$\Delta\Delta$	..	..	M
1097	.. $\pi$	- 47 +810	$\Delta\Delta$	..	..	M
1098	.. $\rho$	-140 +815	$\Delta\Delta$	..	..	M
1099	.. $\sigma$	- 96 +804	$\Delta\Delta$	..	..	M
1100	.. $\phi$	- 94 +836	$\Delta\Delta$	..	..	N
1101	Alps $\psi$	- 8 +773	$\Delta$	..	..	N(Plato $\psi$ )
1102	Plato $\omega$	- 70 +763	$\Delta$	..	..	N
1102a	.. $\upsilon$	- 84 +816	$\Delta$	1087	..	Com.
1106	.. $\zeta$	- 75 +796	$\backslash$	..	..	N(e)
1107a	.. I r	fr.nNE 1077	—	..	..	S(r)
1108	.. II r	fr.Nw 1065		..	..	S(r)
1109	.. III r	fr.nE 1084	—	..	..	N( $\eta$ )
1110	.. IV r	Thro' 1067	/	..	..	N( $\theta$ )
<u>1111</u>	Teneriffe Mts.	-150 +740	$\Delta\Delta$	..	..	Birt
1112	Pico	-106 +717	$\Delta\Delta$	..	..	Schr.
1113	.. $\beta$	-104 +684	$\Delta\Delta$	..	106	M( <u>B</u> )
*1114	.. $\gamma$	-132 +730	$\Delta\Delta$	..	..	M
1115	.. $\delta$	-164 +742	$\Delta$	..	..	M
1116	.. $\epsilon$	-162 +755	$\Delta\Delta$	..	..	M
1118	.. $\omega$	- 88 +716	$\Delta\Delta$	..	..	N
1119	.. $\lambda$	-100 +655	$\Delta\Delta$	..	..	S(L)
1120	.. $\mu$	- 64 +737	$\Delta\Delta$	..	..	S(m)
1121	.. B	-182 +724	8	792	786	M
1122	.. D	-142 +687	4	909	734	M
*1123	.. E	-131 +681	8	944	735	M(e)
1123a	.. F	-131 +671	3	943	..	Com.
1124	.. C	- 78 +733	3	1106	..	S;M(e)

1114 SW point of 1111.

1123 Named Dupont by Lamèch.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1124a	Pico G	-124 +726	3	969	..	Com.
<u>1125</u>	Piazzi Smyth	- 42 +667	9	1222	733	Birt;M(A)
1126	P. Smy. $\alpha$	- 23 +675	A	1285	..	N;G(N)
*1127	.. $\beta$	- 49 +655	A	1199	..	N;G(M)
1127a	.. $\pi$	- 39 +691	A	1231	..	G(P)
1127b	.. B	- 44 +649	2	1208	..	Com.
<u>1128</u>	Piton	- 12 +652	AA	..	..	Birt
1129	Piton $\alpha$	- 12 +648	A	..	..	N(A)
1130	.. $\beta$	- 14 +658	A	..	..	N
1131	.. A	- 13 +640	3	1313	..	N(a)
1131a	.. B	- 2 +633	3	1341	..	G
<u>1132</u>	Kirch	- 76 +632	9	1112	671	Schr.
* <u>1132a</u>	Spitzbergen	- 75 +568	AA	..	..	Blagg
1133	Spitz. $\alpha$	- 70 +553	A	..	..	M(Kirch $\alpha$ )
1134	.. $\beta$	- 80 +568	A	..	..	N(Kirch $\beta$ )
*1135	.. $\gamma$	- 70 +563	A	..	..	N(Kirch $\gamma$ )
1136	Piton $\gamma$	- 27 +620	A	..	..	M(Kirch $\Gamma$ )
1137	Spitz. $\delta$	- 82 +558	A	..	..	N(Kirch $\delta$ )
1138	.. $\epsilon$	- 72 +576	A	..	..	N(Kirch $\epsilon$ )
1139	.. $\kappa$	- 71 +581	A	..	..	N(Kirch $\kappa$ )
1141	.. A	-104 +540	4	1028	..	M(Kirch a)
1142	.. C	-128 +542	4	955	..	M(Kirch c)
1143	.. D	-127 +548	2	964	..	N(Kirch d)
1143a	Kirch E	- 97 +594	2	1050	..	Com.
1143b	.. F	- 83 +615	2	1092	..	Com.
<u>1144</u>	Archimedes	- 60 +497	0 43	..	..	Ric.
1145	Armed. A	- 98 +470	7	1045	11	M
*1146	Artil. B	- 27 +570	4	1274	..	M(Kir. b); N(Arm. b)
1147	Armed. C	- 22 +524	5	1287	568	M
1148	.. D	- 39 +532	3	1230	..	M(d)
*1149	.. E	-113 +422	2	1000	..	M(E)
1150	.. F	-124 -409	4	968	..	N

1127 N's "P.Smyth  $\beta$ " includes No. 1127b.

1132a This formation was called "Kirch" by Schr. and Lo, but M $\ddot{a}$ . transferred the name to No. 1132.

1135 Included by M and Sch. in "Kirch  $\beta$ ". 1146 Is also 921.

1149 M's E is perhaps not Sa's No. 1000, but a crater SE of it.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1150a	Armed. G	-124 +486	2	971	..	Com.
1150b	.. H	-112 +405	3	1005	..	Com.
1153	.. a	- 88 +400	A	..	..	M( <u>A</u> )
1154	.. β	- 78 +458	A	..	∴	M
1155	.. γ	- 53 +426	A	1188	..	M
1156	.. ψ	-128 +516	AA	..	..	N(γ)
1158	.. δ	- 42 +401	AA	..	..	M(Δ)
1159	.. λ	Ew	A	..	..	N(ε)
1160	.. ε	- 53 +529	AA	..	..	M( <u>E</u> )
1161	.. ζ	-110 +506	AA	..	..	M
1162	.. η	SWw	A	..	..	M
1163	.. θ	N 1162	A	..	..	M
1164	.. ι	NNWw	A	..	..	M
1165	.. κ	SEw	A	..	..	M
1166	.. μ	- 44 +462	A	..	..	N
1167	.. ο	- 33 +541	A	..	..	N
1168	.. π	- 95 +428	AA	..	..	N
1169	.. ρ	NEw	A	..	..	N
1170	.. σ	- 69 +450	AA	..	..	N
1171	.. ω	- 74 +434	AA	..	..	N
1172	Autol. μ	- 14 +477	AA	..	..	M(Armed. μ)
1173	Armed. Ir	S, SW, and W 1158	/	..	..	N(λ);S(rrr)
1175	.. IIr	nSE 1145	\	..	..	N(ε)
1178	.. IIIr	SW 1158	\	..	..	N(φ)
1179	.. IVr	SSW 1158	\	..	..	N(φ)
1180	.. Vr	NW 1155	\	..	..	N;G(R)
1182	.. VIr	nNW 1155	\	..	..	N(χ)
*1185	Beer	-140 +455	6	914	566	Birt;M(pt.of B)
1185a	.. A	-133 +457	3	935	..	Com.
1185b	.. B	-141 +433	2	911	..	Com.
1186	Feuille	-146 +459	5	897	567	S;M(pt.of B)
1186a	Beer B	-120 +466	4	..	..	G

1185 Called "Hamilton" by Sch.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
<u>1187</u>	Mt. Huygens	- 44 +345	AA	..	..	Schr.
<u>1188</u>	Ampère	- 60 +335	AA	..	..	Schr.
1189	Mt. Huyg. $\beta$	- 45 +350	A	..	..	N
1190	.. $\gamma$	- 94 +330	A	..	..	M
1191	.. $\zeta$	- 54 +315	A	..	..	N( $\Delta$ )
1192	.. $\delta$	- 28 +339	A	..	..	M
1193	.. $\epsilon$	- 34 +354	A	..	..	N
1194	.. $\iota$	- 57 +302	A	1170	..	N
1195	.. $\kappa$	- 88 +314	AA	..	..	N
1196	.. $\lambda$	- 48 +306		..	..	N
1197	.. $\alpha$	- 50 +340	A	..	..	N
1200	.. A	- 31 +338	3	..	667	M(a)
* <u>1201</u>	Marco Polo	- 54 +282	$\phi$ 25	..	..	M
1201a	M.Polo F	- 76 +271	2	1113	..	Com.
1202	.. A	- 33 +257	4	1257	698	M
1203	.. B	- 31 +295	4	1263	699	M(b)
1203a	.. G	- 32 +288	3	1258	..	Com.
1203b	.. H	- 28 +306	3	1272	..	Com.
1203c	.. K	- 24 +312	6	1283	..	Com.
1204	.. C	- 84 +242	4	1086	700	M(c)
1204a	.. D	- 63 +258	4	1148	701	Com.
1205	.. E	- 86 +280	\ 30	..	..	N(e)
1206	.. $\alpha$	- 66 +286	AA	..	..	N
1207	.. $\beta$	- 53 +270	AA	..	..	M
1208	.. $\gamma$	- 8 +260	A	..	..	M
1209	.. $\delta$	N 1203c	A	..	..	M
1210	.. $\epsilon$	- 16 +304	A	..	..	N
1211	Conon $\phi$	+ 14 +320	A	..	..	N
<u>1212</u>	Bode	- 42 +117	11	1220	20	Lo.
1213	.. G	- 61 +110	3	1156	..	N(a)
1214	.. A	- 20 +156	7	1292	21	M
1215	.. B	- 53 +152	6	1189	22	M

1201 The position of "Marco Polo" differs considerably in the maps of M., Sch., and Goo. An irregularly bordered crater or valley.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1216	Bode D	- 58 +125	2	..	..	N(b)
1217	.. C	- 81 +212	5	1096	579	M
1217a	.. K	- 39 +162	3	1232	..	Com.
1218a	.. L	- 66 + 98	3	1139	..	Com.,
1219a	.. E	- 58 +215	4	1164	580	G;Fr(e)
1219b	.. H	-111 +211	3	1008	..	G
1220	.. a	nSE 1218a	A	..	..	M
1221	.. γ	- 4 +200	A	..	..	M
1222	.. δ	- 5 +230	A	..	..	M
1223	.. ε	- 34 +205	A	..	..	M
1224	Pallas λ	Out Ew	A	..	..	S(α)
<u>1225</u>	Pallas	- 29 + 95	0 24	..	..	M
1226	Pals. A	- 40 +104	6	1227	721	N
*1227	.. B	- 45 + 73	3	1207	..	N(b)
1228	.. M	- 16 +119	0 4	..	..	N(m)
1229	.. N	+ 9 +122	3	1382	..	N(n)
1229a	.. D	- 45 + 41	3	1206	..	Com.
1229b	.. C	- 19 + 78	4	1296	..	Com.
1230	.. a	N 1229b	AA	..	..	N
1231	.. X	- 29 + 95	A	..	..	M( <u>A</u> )
1233	.. β	NWw	AA	..	..	N
1234	.. K	Ww	A	..	..	S(β)
1235	.. γ	- 35 + 76	AA	..	..	M
1236	.. ε	NE 1227	A	..	..	M
1237	.. Z	- 42 + 76	AA	..	..	M
1238	.. 7)	- 68 + 20	AA	..	..	M
1239	.. θ	- 54 + 68	A	..	..	M
*1240	Murch. δ	SE 1229	A	..	..	N;M and S (Pallas δ)
<u>1241</u>	Sinus Medii	0 + 25	+	..	..	M
<u>1242</u>	Sömmering	-130 + 4	φ 16	..	..	M
1243	Söm. a	Ww	A	..	..	M
1244	.. β	-154 - 2	A	..	..	M

1227 N's "b" is perhaps not this crater but the formation NW of it.

1240 Is also 863.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1245	Söm. $\gamma$	-106 + 10	A	..	..	M
1246	.. $\delta$	-156 + 18	A	..	..	M
1247	.. $\epsilon$	-166 + 36	A	..	..	M
1248	.. R	nsSE 1247		..	..	S
1248a	.. M	- 80 + 5	$\phi$ 28	..	..	G;Lo(T)
<u>1249</u>	Schröter	-118 + 47	$\phi$ 26	..	..	Gruthuisen
1250	Schrö. A	-135 + 84	3	929	..	M(a)
1250a	.. E	-118 + 41	2	983	..	G(A)
*1251	.. B	- 69 +169	2	1130	..	[M];G(F)
1252	.. C	-168 +144	0 5	..	..	M
1253	.. D	-165 + 78	3	838	..	M(d)
1253a	.. J	-105 +148	4	1022	..	Com.
1253b	.. G	-163 + 55	3	843	..	Com.
1253c	.. H	-149 + 55	3	887	..	Com.
1253d	.. K	-137 + 54	3	923	..	Com.
1253e	.. L	-128 + 31	2	953	..	Com.
1256	.. F	S 1253a	\\	..	..	N(f)
1257	.. $\alpha$	Ww	A	..	..	M( <u>A</u> )
1258	.. $\beta$	SEw	A	..	..	M
1259	.. $\gamma$	-135 +117	A	..	..	M( $\Gamma$ )
1260	.. $\delta$	-122 +180	A	..	..	M
1261	.. $\epsilon$	-154 + 68	A	..	..	M
*1262	.. $\zeta$	N 1253	A	..	..	M
1263	.. $\eta$	-176 +116	A	..	..	M
1264	.. $\theta$	SW 1265	AA	..	..	M
1265	.. $\iota$	- 99 +100	A	..	..	M
1267	.. $\chi$	S 1264	AA	..	..	M
1269	.. $\nu$	nN 1252	AA	..	..	S(n)
<u>1270</u>	Sinus AEstuum	-140 +210	+	..	..	Ric.
<u>1271</u>	Eratosthenes	-190 +250	34	..	612	Ric.
*1271a	Erat. Z	-237 +237	4	618	..	Com.
1272	.. $\alpha$	Ew	A	..	..	M

1251 Not M's B, but a more definite crater W of it.

1262 N's  $\zeta$  is further W than M's. 1271a Bright spot.

GL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authori
1873	Erat. β	Vv	A	..	..	M
1874	.. γ	-180 +280	A	..	..	S
1875	.. δ	-170 +281	A	..	..	S
1876	.. ε	-155 +275	AA	..	..	M( <u>E</u> )
1877	.. θ	-220 +260	A	..	..	N( <u>ζ</u> )
1878	.. ζ	-230 +258	A	..	..	S;N( <u>η</u> )
1879	.. ι	-181 +338	A	..	..	M( <u>I</u> )
1879a	.. κ	-147 +268	A	892	..	Com.
1880	Wallace χ	NW 1879	A	..	..	M(Erat. χ)
1881	Erat. η	-240 +254	A	..	..	S;N( <u>ω</u> )
1882	.. λ	-208 +230	A	..	..	N(Stad. λ)
1883	.. A	-137 +314	4	925	613	M
1883a	.. B	-143 +320	3	905	614	G
1883b	.. K	-156 +222	3	864	..	G
1883c	.. C	-205 +290	3	724	..	Com.
1883d	.. D	-180 +299	3	799	..	Com.
1883e	.. E	-179 +308	3	802	..	Com.
1883f	.. F	-163 +304	3	841	..	Com.
1884	Mt. Wolf	-130 +280	AA	..	..	Schr.
1884a	Wolf A	-129 +272	4	949	..	Com.
1884b	.. B	-145 +276	5	898	..	Com.
1885	Serao	-108 +300	AA	..	..	S
1886	Wolf β	-120 +272	A	..	..	M
1887	.. γ	-104 +280	A	..	..	M
1888	Serao δ	-110 +290	A	..	..	N(Wolf δ)
1889	Wolf ε	N 1884a	A	..	..	N(Wolf Δ)
1890	Serao ε	-101 +284	A	..	..	N(Wolf ε)
1891	Wolf μ	nE 1204	A	..	..	N(M)
1892	.. ν	-106 +254	A	..	..	N(N)
1893	Serao κ	-121 +288	A	..	..	N(Wolf κ)
1894	Wallace	-143 +347	0 11	..	..	S
1894a	Wall. A	- 92 +328	2	1064	..	Com.



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1294b	Wall. B	- 74 +345	2	1120	..	Com.
<u>1295</u>	Mare Imbrium	-230 +520	+	..	..	Ric.
<u>1296</u>	Timocharis	-202 +449	20	732	788	Ric.
1297	Timo. A	-240 +420	4	611	789	N(a)
1298	.. B	-186 +467	3	783	790	N(b)
1298a	.. C	-222 +419	2	662	..	Com.
1298b	.. D	-239 +404	2	613	..	Com.
1298c	.. E	-267 +416	3	511	..	Com.
1298d	.. F	-218 +519	4	685	586	Com.
<u>1299</u>	Helicon	-298 +648	16	405	..	Ric.
1300	Heli. B	-286 +614	3	440	645	M(b)
*1301	.. C	-338 +643		..	..	M(c)
1302	Lever. D	-164 +639	6	839	646	M(d)
1303	.. E	-215 +674	4	696	647	M(e)
* <u>1304</u>	Leverrier	-268 +647	14	509	..	Lecouterier
1304a	Lever. T	-271 +640	3	488	..	G
1304b	.. A	-234 +617	3	627	..	Com.
1304c	.. B	-170 +644	3	824	..	Com.
<u>1305</u>	Prom. Laplace	-300 +725	$\Lambda\Lambda$	..	..	M
1306	Lapl. $\alpha$	S point	$\Lambda$	..	..	M( <u>A</u> )
1307	.. $\beta$	-269 +733	$\Lambda$	499	..	M( <u>B</u> )
1308	.. $\gamma$	-285 +735	$\Lambda$	..	..	M
1309	.. $\delta$	-310 +702	$\Lambda$	..	..	M
*1311	Str. Ra. $\epsilon$	-244 +747	$\Lambda$	598	..	M(Lapl. $\epsilon$ )
1312	Lapl. $\zeta$	-233 +775	$\Lambda$	..	..	M
1313	.. $\eta$	-266 +755	$\Lambda$	..	..	M
1314	.. $\theta$	-318 +725	$\Lambda$	..	..	M
1315	.. A	-327 +691	6	339	..	M
1316	.. B	-212 +780	3	704	..	M(b)
1317	.. C	-297 +724	4	408	..	M(c)
1318	.. D	-293 +734	7	419	678	M(d)
1319	.. E	-219 +770	2	..	..	M(e)

1301 Clear Spot

1304 M(Heli. A)

1311 N's  $\epsilon$  is NSW of Sa's 598.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1319a	Lapl. H	-234 +793	3	625	..	Com.
1319b	.. K	-225 +775	5	659	..	Com.
1319c	.. L	-222 +784	4	664	..	Com.
1319d	.. M	-208 +790	4	714	..	Com.
1321	.. F	-237 +713	4	614	..	M
<u>1322</u>	Straight Range	-203 +748 to -244 +748	AA	See 598	..	Birt
1322a	Str. Ra. A	-211 +748	4	705	..	Com.
1322b	.. B	-208 +748	3	715	..	Com.
<u>1323</u>	Fontenelle	-145 +893	26	900	617	Schr.
1324	Font. A	-106 +924	14	1019	618	M
1325	Birm. B	- 87 +894	4	1076	..	M(Font.b)
1326	Font. B	-184 +881	8	787	..	M(b)
1326a	.. D	-183 +887	9	791	..	G
*1327	Birm. $\beta$	- 98 +879	A	..	..	Com.
1327a	.. H	- 79 +901	3	1103	..	S;(SE of two)
1328	Font. C	-197 +902	6	748	..	M
1328a	.. F	-204 +901	5	728	619	G;Fr(d)
1328b	.. G	-159 +861	2	854	..	Com.
1328c	.. H	-150 +899	4	883	..	Com.
1328d	.. K	- 95 +937	3	1057	..	Com.
1328e	.. L	-114 +917	3	999	..	Com.
1328f	.. M	-218 +891	4	684	..	Com.
1328g	.. N	-217 +898	4	688	..	Com.
1329	.. $\alpha$	-158 +886	A	858	..	M(A)
1330	.. $\beta$	-160 +900	A	..	..	M(B)
1331	.. $\gamma$	-140 +920	AA	..	..	M
1332	.. $\delta$	-133 +905	AA	..	..	M
1333	.. $\epsilon$	-130 +884	AA	..	..	M
1334	Birm. $\zeta$	-108 +892	AA	..	..	M
1335	.. $\mu$	SEw	AA	..	..	M
1336	Font. $\nu$	nN 1326a	A	..	..	M
1337	.. $\chi$	SW 1328	A	..	..	M

1327 Sch's crater "b" cannot be found; a mountain  
NW of its place is here substituted for it.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1338	Font. 6	-130 +930	A	..	..	N(E)
<u>1339</u>	Birmingham	- 80 +900	0 52	..	..	Birt
1340	Birm. a	nSW 1325	A	..	..	N;M(Font. 7)
* <u>1341</u>	J.J.Cassini	-100 +955	0 50	..	..	(Schr.)
1342	Philolaus	-165 +949	0 40	..	..	Ric.
1343	J.J.Cass. A	-104 +956	5	..	..	M(Philo.a)
1344	Philo. B	-147 +933	7	..	..	M(b) nearly.
1345	.. D	-122 +960	0 58	..	..	M(d)
1346	J.J.Cass. E	-112 +937	7	1004	722	M(Philo. e)
*1347	Philo. F	-117 +927	3	987	723	Fr.(f)
1347a	.. L	-128 +980	10	957	727	Fr(l)
1347b	.. M	-129 +985	9	948	728	Fr(m)
1347c	.. J	-113 +984	9	998	726	Fr(i)
1347d	.. N	-107 +993	11	..	729	Fr(n)
1348	.. $\alpha$	-152 +944	A	..	..	M( <u>A</u> )
1349	.. $\beta$	-115 +956	A	..	..	M( <u>B</u> )
1350	.. $\gamma$	-150 +935	A	..	..	M
1351	.. $\delta$	ESE 1354	A	..	..	N( $\Gamma$ )
1353	.. $\epsilon$	-138 +969	A	..	..	M( <u>E</u> )
1353a	.. $\zeta$	-123 +991	A	972	..	Com.
1354	.. $\lambda$	-163 +918	A	..	..	M
1356	Anaximenes	-211 +953	0 47	..	560	Ric.
1357	Anxes. A	-175 +983	17	..	561	M(a)
1358	.. B	-221 +933	4	668	..	M
1359	Philo. C	-200 +932	4	..	..	M(c);N(Anxes.C)
1359a	Anxes. F	-199 -969	0 35	..	562	Fr.(f)
1359b	.. H	-203 +969	3	..	563	Com.
1359c	.. E	-208 +917	10	..	716	Com.

1341 This name was given by Schröter to a rather indefinite formation, not recognized by Mädler or Schmidt, but found by Webb, and given by Neison in his map. Goodacre, Wilkins, Andel and Debes give the name instead to an irregular plain between Fontenelle and Philolaus. As neither of these formations seems suitable for a name, that of J.J.Cassini is here transferred to a smaller but well bordered crater or valley outside the SW wall of No. 1345.

1347 M's f is further north.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1360	Anxes. C	-209 +976	Ø 50	..	564g	M(c)
1361	Carpenter D	-251 +963	Ø 57	..	546	M(Anxan.d)
1363	Anxes. α	-130 +974	Λ	..	..	M(A)
1364	.. β	NWw	Λ	..	..	M(B)
<u>1365</u>	Condamine	-281 +803	20	463	..	Schr.
1366	Conda. A	-292 +813	10	421	33	M(a)
1367	.. B	-271 +855	9	489	..	M
1367a	.. O	-247 +820	4	585	..	Com.
1368	Maup. B	-281 +780	4	459	..	M(b);N(Cond.b)
1368a	Conda. K	-267 +786	4	515	..	G;NE of two.
1368b	.. C	-307 +792	6	384	..	Com.
1368c	.. D	-305 +803	6	391	..	Com.
1368d	.. E	-283 +845	4	454	..	Com.
1368e	.. F	-278 +841	4	473	..	Com.
1368f	.. G	-271 +817	4	493	..	Com.
1368g	.. H	-269 +799	4	500	..	Com.
1368h	.. L	-268 +804	4	510	..	Com.
1368i	.. M	-262 +810	4	529	..	Com.
1368k	.. N	-255 +807	4	561	..	Com.
*1368l	.. P	-242 +796	4	603	..	Com.
1368m	.. R	-208 +818	3	713	..	Com.
1369	.. α	-260 +794	Λ	..	..	M
1370	.. β	-275 +791	Λ	..	..	M
1371	.. γ	-300 +780	Λ	..	..	M
1372	.. δ	-318 +792	Λ	..	..	M
1373	.. ε	-246 +813	Λ	..	..	M(E)
1374	.. ζ	-233 +804	Λ	..	..	M
1375	.. η	-190 +827	Λ	771	..	M
1376	.. θ	out NWw	Λ	..	..	M
1377	.. ρ	-218 +819	Λ	679	..	N
1378	.. τ	-286 +830	Λ	444	..	N
1379	.. ω	N 1374	Λ	..	..	N

1368l Group of four numbered 580, 590, 592, 603 in Sa. Co-ords. are of W one.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1379a	Conda. v	-189 +833	A	774	..	Com.
<u>1380</u>	Maupertuis	-303 +756	O 16	..	..	Schr.
1381	Maup. A	-265 +772	9	519	91	M(a)
1382	.. C	-260 +768	6	540	..	N(b)
1383	.. a	-306 +766	AA	..	..	M
1384	.. β	-310 +747	AA	..	..	M
1385	.. γ	out NWw	A	..	..	M
1386	.. δ	-327 +758	A	..	..	M
1387	.. ε	-332 +773	A	..	..	M
1388	.. ζ	-244 +774	A	..	..	M
*1389	.. θ	SE ct	A	..	..	M( <u>z</u> )
<u>1390</u>	Carlini	-339 +555	6	311	29	M
1391	Carl. A	-365 +578	4	251	..	M(a)
1392	.. B	-307 +505	4	385	584	M
1393	.. C	-318 +575	2	360	..	M(c)
1394	.. D	-231 +544	5	637	585	M
*1395	.. E	-298 +519	3	..	..	M(e)
1395a	.. G	-356 +539	2	271	..	G(D)
1395b	.. H	-349 +536	2	289	..	G(B)
1395c	.. K	-344 +516	2	302	..	Com.
* <u>1396</u>	Lahire	-379 +463	AA	227	..	M
1397	Lahi. α	-403 +474	AA	..	..	M
1398	.. β	-366 +485	AA	..	..	M
1399	.. A	-349 +477	3	288	677	M(a)
1399a	.. B	-346 +464	2	299	..	G(K)
<u>1401</u>	Lambert	-322 +435	17	348	..	Schr.
1401a	Lamb. A	-327 +445	2	335	..	Com.
1401b	.. B	-313 +412	2	370	..	Com.
1402	.. α	Sw	A	..	..	M
1403	.. β	Nw	A	..	..	M
1404	.. γ	-283 +446	A	453	76	M(Γ)
1404a	.. δ	-262 +458	A	535	..	Com.

1389 N's Z is f NW.

1395 Clear spot.

1396 Sa's measure is stated to be of the S end of Lahire.

GL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Author.
<u>1406</u>	Pytheas	-329 +351	12	329	752	Ric.
1407	Pythe. A	-347 +349	4	298	753	M(a)
1408	.. B	-316 +300	3	361	..	M(b)
*1408a	.. E	-310 +311	3	377	..	G(B)
1409	.. C	-310 +322	3	380	..	M(c)
1409a	.. F	-313 +284	2	369	..	Com.
1409b	.. G	-282 +368	2	457	..	Com.
1410	.. D	-327 +360	3	338	..	N(d);S( $\epsilon$ )
<u>1411</u>	Draper	-353 +302	5	278	629	Kr;N(Pyth
1411a	Dra. A	-378 +307	2	230	..	Com.
1412	.. C	-350 +293	4	285	628	M(Gay-Lus
1413	Pythe. $\alpha$	N 1409b	$\Delta\Delta$	..	..	M;G(K)
1414	.. $\beta$	-382 +335	$\Lambda$	..	..	M
<u>1415</u>	Tobias Mayer	-469 +268	17	130	..	Schr.
1416	To. May. A	-457 +263	9	141	92	M(a)
1417	.. B	-495 +265	7	106	..	M(b)
1418	.. C	-428 +212	8	173	706	M
1419	.. D	-440 +211	4	154	707	M(d)
1420	.. E	-424 +276	5	182	708	M(e)
1420a	.. F	-471 +223	3	126	..	Com.
1420b	.. G	-435 +298	4	163	..	Com.
1420c	.. H	-420 +202	3	190	..	Com.
1420d	.. J	-413 +243	3	199	..	G
1420e	.. L	-407 +228	2	207	..	Com.
*1421	.. Z	-427 +245	3	178	..	N;G(K)
1421a	.. P	-478 +240	$\phi$ 28	..	..	G
1422	.. $\alpha$	-515 +234	$\Delta\Delta$	..	..	M
1423	.. $\beta$	-514 +300	$\Lambda$	..	..	M( <u>B</u> )
1424	.. $\gamma$	-442 +292	$\Lambda$	..	..	M
1425	.. $\delta$	-504 +245	$\Lambda$	..	..	M( $\Delta$ )
1426	.. $\epsilon$	-470 +253	$\Lambda$	..	..	M
1427	.. $\zeta$	-490 +230	$\Delta\Delta$	..	..	M

1408a Called "Pytheas b" in Sa's catalogue.

1421 N's Z is not well defined and Goo's K is also ill-defined. This formation is a more definite one rather nearer to To.Mayer. It is mainly a bright s

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1428	To. May. $\eta$	-438 +252	$\Delta\Delta$	..	..	M
1429	.. $\theta$	-442 +228	$\Delta\Delta$	..	..	M
1430	.. $\kappa$	-535 +226	$\Delta$	78	..	M(K)
1431	.. $\lambda$	-479 +291	$\Delta\Delta$	..	..	M
1432	.. $\mu$	-459 +294	$\Delta\Delta$	..	..	M
1433	.. $\nu$	-454 +233	$\Delta$	..	..	M
1434	.. $\rho$	-520 +305	$\Delta$	..	..	N
1435	Cop. $\iota$	-404 +198	$\Delta$	..	..	N;M(To.May. $\iota$ )
<u>1436</u>	Carpathians	-260 +270 to -540 +220	$\Delta\Delta$	..	..	M
<u>1436a</u>	Cape Banat	-424 +299	$\Delta$	181	..	Kr.
* <u>1437</u>	Gay-Lussac	-345 +240	0 12	(301)	..	M
1438	Ga.-Lu. A	-339 +228	9	313	627	M
1439	.. B	-346 +279	2	296	..	M(b)
1439a	.. C	-369 +266	3	242	..	Com.
1439b	.. D	-347 +252	3	294	..	Com.
1439c	.. F	-326 +242	3	342	..	Com.
1439d	.. G	-314 +239	3	368	..	Com.
1439e	.. H	-384 +232	3	218	..	Com.
<u>1440</u>	Sinus Gay-Lussac	-350 +250	$\phi$ 20	..	..	Kr;N(d)
*1441	Ga.Lu. N	-350 +220	10	..	..	N(n)
1442	.. E	1449 to SEw	//	..	..	N( $\eta$ )
1443	.. $\alpha$	NWw;ns 1455	$\Delta$	..	..	M
1444	.. $\beta$	Ew	$\Delta$	..	..	M
*1445	.. $\gamma$	-375 +268	$\Delta$	235	..	M
1446	.. $\delta$	W 1439e	$\Delta$	..	..	M
*1447	.. o	-361 +276	$\Delta$	..	..	N( $\Delta$ )
*1448	.. $\epsilon$	-338 +271	$\Delta$	..	..	M
1449	.. $\zeta$	-382 +220	$\Delta$	..	..	M
1450	.. $\eta$	-354 +241	$\Delta$	..	..	M

1437 Sa's 301 is a small crater in ct 1437. 1441 Dark pat.

1445 to 1458 Krieger gives the names "Matra" (-338 +260), "Neutra" (-320 +256), and "Cis-Neutra" (-298 +260) to ridges W of his Sinus Gay-Lussac (No. 1440). These include 1448, 1451-2-3-5. He gives the name "Tatra" (-368 +241) to the ridges E of 1440, including Nos. 1445, 1447 and 1449. No. 1458 forms the N point of his "Pietrosul Mts." (

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
*1451	Ga.-Lu. $\chi$	-290 +261	A	..	..	N( $\theta$ )
*1452	.. $\theta$	-301 +233	A	..	..	M
*1453	.. $\iota$	-286 +260	A	..	..	M
1454	.. $\lambda$	-397 +246	A	..	..	M
*1455	.. $\pi$	-340 +250	A	..	..	S( $\alpha$ )
*1456	.. $\rho$	-360 +250	A	..	..	N( $\lambda$ )
1457	.. $\mu$	-423 +254	A	..	..	M
*1458	.. $\nu$	-392 +272	A	..	..	M
1459	.. $\kappa$	-408 +262	A	..	..	M
<u>1459a</u>	Pietrosul Bay	-381 +260	$\phi$ 20	..	..	Kr.
1460	Ga.-Lu. Ir	ns 1458		..	..	N( $\xi$ )
1461	.. IIr	Close W 1446		..	..	N( $\xi$ )
1462	.. IIIr	SW 1448		..	..	N( $\phi$ )
1463	.. IVr	W side 1440		..	..	N( $\psi$ )
1464a	.. Vr	NW 1486	\	..	..	G(R)
* <u>1465</u>	Stadius	-236 +183	0 39	(621)	..	Ric.
1466	Stad. A	-251 +181	3	573	..	M( $\alpha$ )
1467	.. B	-230 +205	3	643	779	M
1467a	.. C	-219 +169	2	678	..	G
*1467b	.. J	-269 +238	2	501	..	Com.
1467c	.. D	-260 +179	2	542	..	Com.
1467d	.. E	-262 +218	3	533	..	Com.
*1467e	.. F	-263 +225	3	526	..	Com.
1467f	.. G	-250 +195	3	578	..	Com.
1467g	.. H	-236 +201	2	619	..	Com.
1467h	.. K	-232 +168	2	634	..	Com.
1467i	.. L	-220 +176	2	673	..	Com.
1467k	.. M	-275 +254	3	482	..	Com.
1467l	.. N	-266 +163	3	517	..	Com.
1469	.. $\alpha$	-216 +208	A	..	..	M
1470	.. $\beta$	NWw	A	..	..	M
1471	.. $\gamma$	N 1466	A	..	..	M

1465 Sa's 621 is a small crater in ct Stadius.

1467b Four craters of diam. 2 numbered 495, 514, 501, 506 in Sa.  
Co-or. of SE one given.

1467e Craters 523, 526, 538 in Sa. Co-ordinates of middle one given.



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1472	Stad. $\theta$	SWW	$\Lambda$	..	..	S( $\gamma$ )
1473	.. $\delta$	-214 +218	$\Lambda$	..	..	M
1474	.. $\epsilon$	S 1466	$\Lambda$	..	..	M
1475	.. $\zeta$	NE 1263	$\Lambda$	..	..	M
1477	.. Ir	S 1478	\	..	..	N( $\phi$ )
1478	.. IIr	-255 +200 to -264 +245	\	..	..	N( $\phi$ );S(a);G(F)
1479	.. IIIr	-278 +236 to -240 +267	/	..	..	N( $\phi_2$ );S(b);G(G)
*1480	.. IVr	nNW 1453		..	..	N( $\phi_2$ );S(p);G(H)
<u>1481</u>	Copernicus	-337 +167	56	307 322	..	Ric.
<u>1482</u>	Fauth	-342 +109	7	306	599	Mül;M(pt. of Cop. A)
1483	.. A	-342 +104	6	304	..	M(pt. of Cop.A); N(A')
1483a	.. B	-328 +101	2	331	..	Com.
1483b	.. C	-321 + 91	2	350	..	Com.
1483c	.. D	-314 +105	3	366	..	Com.
1483d	.. E	-352 + 94	3	283	..	Com.
1484	Cop. B	-377 +131	3	232	..	M
*1485	.. C	-264 +124	3	525	600	M(c)
1486	.. D	-409 +211	3	203	..	M( $\gamma$ )
1486a	.. E	-383 +112	2	221	..	Com.
*1486b	.. F	-376 +102	3	234	..	Com.
1486c	.. G	-364 +103	2	253	..	Com.
1486d	.. H	-311 +120	3	372	..	Com.
1486e	.. K	-293 +210	3	418	..	Com.
1486f	.. L	-285 +233	2	448	..	Com.
1486g	.. P	-272 +175	3	487	..	Com.
1488	.. $\alpha$	WW	$\Lambda$	..	..	M( <u>A</u> )
1489	.. $\beta$	-337 +167	$\Lambda\Lambda$	307 322	..	M( <u>B</u> )
1490	.. $\gamma$	Ew	$\Lambda$	..	..	N
1491	.. $\delta$	-384 +166	$\Lambda$	..	..	M
1492	.. $\epsilon$	-302 +186	$\Lambda\Lambda$	..	..	M
1493	.. $\eta$	-409 +170	$\Lambda\Lambda$	..	..	M
1494	.. $\chi$	-424 +182	$\Lambda\Lambda$	..	..	S(x)

1480 Two craters, Sa. 476 (-276 +259) and 480 (-275 +260),  
are at the S end of this "rill". 1485 In dark spot.  
1486b E of three.

GL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
*1494a	Cop. M	Around 1486d		..	..	S(m)
1495	.. Ir	-376 +212		..	..	N(E)
<u>1497</u>	Gambart	-262 + 16	15	530	..	M
1498	Gam. A	-321 + 17	7	351	50	M
1499	.. B	-200 + 38	7	740	623	M
*1500	.. C	-204 + 58	7	727	624	M
1501	.. D	-303 + 59	3	394	..	M(d)
1501a	.. F	-291 + 2	3	426	..	Com.
1502	.. G	-208 + 34	3	712	626	N(g)
1502a	.. H	-184 + 56	2	789	..	Com.
1502b	.. E	-295 + 18	3	412	..	Com.
1502c	.. L	-262 + 57	2	527	..	Com.
1502d	.. K	-245 + 68	3	596	..	Com.
1502e	.. M	-202 + 94	2	734	..	Com.
1502f	.. N	-257 - 10	3	550	..	Com.
1503	Cop. ζ	-252 +110	Λ	..	..	M
1504	Gam. η	Vw	Λ	..	..	M;N(α)
1505	.. β	-234 + 24	Λ	..	..	S
1506	.. γ	-276 + 44	Λ	..	..	M
1507	.. δ	-293 + 90	ΛΛ	..	..	M
1508	.. ε	-244 + 88	ΛΛ	..	..	M
1508a	.. α	-280 + 11	Λ	468	..	Com.
1509a	.. μ	-251 + 0	ΛΛ	..	..	G(M)
<u>1510</u>	Reinhold	-389 + 59	0 28	..	..	Ric.
1511	Rein. A	-369 + 72	2	241	..	M
1512	.. B	-367 + 75	15	246	..	N(b);S(A)
1512a	.. D	-415 + 45	2	195	..	G
1512b	.. N	-429 + 27	2	170	..	G
1512c	.. C	-414 + 76	2	197	..	Com.
1512d	.. E	-391 + 92	3	214	..	Com.
1512e	.. F	-364 + 58	3	252	..	Com.
1513	.. α	Vw	Λ	..	..	M

1494a Dark patch.

1500 Lamèch calls Moreux.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1514	Rein. $\beta$	-382 + 33	A	222	..	M( <u>B</u> )
1515	.. $\gamma$	-356 + 46	A	..	..	M
1516	.. $\delta$	NW 1512b	A	..	..	M
1517	.. $\epsilon$	Ew	A	..	..	N
1517a	.. $\eta$	-363 + 85	A	254	..	Com.
1517b	.. $\theta$	-359 + 62	A	259	..	Com.
1517c	.. $\iota$	-357 + 71	A	263	..	Com.
1517d	.. $\chi$	-353 + 76	A	280	..	Com.
1517e	.. $\mu$	-337 + 59	A	316	..	Com.
1517f	.. $\nu$	-331 + 29	A	327	..	Com.
1517g	.. $\lambda$	-328 + 9	A	334	..	Com.
1517h	.. $\pi$	-327 + 59	A	337	..	Com.
<u>1519</u>	Hortensius	-466 +113	8	132	664	Ric.
1520	Hort. A	-509 + 76	6	96	665	M(a)
1521	.. B	-490 + 92	4	111	..	M(b)
1522	.. C	-447 +103	4	149	666	M(c)
1523	.. E	-427 + 91	8	176	..	N(d)
1524	.. D	-532 + 94	4	..	..	M(d)
1525	.. $\alpha$	-465 +126	A	..	..	M
1526	.. $\gamma$	-452 +142	A	..	..	N( $\alpha$ )
1527	.. $\beta$	-438 +142	A	..	..	M
1527a	.. $\delta$	-413 +106	A	202	..	Com.
1527b	.. $\epsilon$	-421 +135	A	188	..	Com.
<u>1529</u>	Milichius	-495 +174	7	104	98	Ric.
1530	Milis. A	-523 +161	6	86	709	M
*1531	.. B	-462 +172	$\phi$ 8	..	..	M(b)
1532	.. $\alpha$	-472 +150	AA	..	..	M( <u>A</u> )
1533	.. $\beta$	-445 +157	A	..	..	M( <u>B</u> )
1534	.. $\gamma$	-468 +188	A	..	..	M
<u>1535</u>	Kunowsky	-536 + 56	O 12	77	..	N;M(Encke A)
*1536	Kuno. C	-535 - 5	3	..	..	[M]
1537	.. D	-482 + 27	3	..	..	M(d)

1531 Is not exactly M $\alpha$ 's b, which appears to be a hill.

1536 Not exactly M $\alpha$ 's C (a pair of small spots) but the crater nSE.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
<u>1538</u>	Encke	-595 + 80	0 17	50	606	M
1539	.. B	-598 + 41	7	47	607	M(b)
1540	.. E	-645 + 6	7	36	608	M
1542	.. G	-627 + 82	3	..	..	M(g)
1542a	Möstlin H	-686 + 81	3	..	609	Fr(h);G(F)
* <u>1542b</u>	Möstlin	-649 + 85	4	..	610(l)	Peucker;G(H)
1542c	.. R	-665 + 60	φ 35	..	..	G
1542d	Encke C	-593 + 12	5	51	611	G
1542e	.. J	-634 + 89	3	..	..	G
1543	.. α	-622 + 24	ΛΛ	..	..	G
1544	.. β	-640 + 53	ΛΛ	..	..	M
1545	.. γ	-587 + 40	Λ	..	..	M
1546	.. δ	ct	Λ	..	..	M
1547	.. ε	Ww	Λ	..	..	M
1548	.. ζ	-583 + 65	ΛΛ	..	..	M
1549	.. η	-593 + 98	Λ	..	..	M
1550	.. θ	-612 +113	Λ	..	..	M
1551	.. ι	-658 + 38	Λ	..	..	M
1552	.. χ	-649 + 20	Λ	..	..	M
1553	.. ρ	-581 + 27	Λ	57	..	N
1553a	.. σ	-574 + 26	Λ	60	..	Com.
<u>1554</u>	Kepler	-609 +141	19	45	72	Ric.
1555	Kep. A	-584 +124	6	55	668	M
1556	.. B	-571 +134	4	..	..	M
1557	.. C	-656 +174	7	33	669	M
1558	.. D	-661 +138	5	..	..	M(d)
1559	.. E	-681 +130	4	..	..	M
1559a	.. F	-623 +145	4	41	670	G
1560	.. α	Ew	Λ	..	..	M
1561	.. β	Ww	Λ	..	..	M
1562	.. γ	-549 +174	Λ	..	..	M
1564	.. δ	-618 +200	Λ	..	..	M(Δ)

1542b Sch. calls No. 2932 Möstlin.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1565	Kep. $\epsilon$	-600 +203	A	..	..	M
1566	.. $\kappa$	-633 +136	A	..	..	N(Z)
1567	.. $\eta$	-598 +176	AA	..	..	M(H)
1568	.. $\theta$	-545 +112	A	..	..	M
1569	.. $\iota$	-625 +126	AA	..	..	M
1570	.. $\zeta$	-646 +136	A	..	..	M(Z)
<u>1572</u>	Bessarion	-585 +256	6	54	16	Ric.
1573	Besrn. A	-612 +293	7	42	574	M
1574	.. B	-636 +290	7	..	575	M
1575	.. C	-650 +276	5	..	576	M
1576	.. D	-626 +338	5	39	577	M
1577	.. E	-584 +265	5	56	578	N
<u>1578</u>	Brayley	-561 +356	8	66	43	Birt
1579	Bray. B	-527 +354	6	83	615	M
1580	.. C	-591 +364	5	52	616	M
1581	.. D	-509 +342	3	95	..	M(d)
1581a	.. E	-596 +362	3	49	..	Com.
1581b	.. F	-522 +360	2	87	..	Com.
1582	.. $\alpha$	-542 +365	A	..	..	N
<u>1583</u>	Euler	-447 +395	14	148	..	Schr.
1583a	Eul. F	-436 +361	2	161	..	Com.
1584	.. E	-508 +418	4	97	..	M(e)
1584a	.. P	-485 +339	4	..	..	G
1585	.. $\alpha$	Ww	A	..	..	M
1586	.. $\beta$	-494 +380	A	..	..	M;G(M)
1587	.. $\gamma$	-446 +341	A	..	..	N and S
1588	.. $\delta$	-461 +352	A	140	..	N
1588a	.. $\nu$	-469 +343	A	..	..	G(N)
1588b	.. $\pi$	-462 +365	A	139	..	Com.
<u>1589</u>	Diophantus	-499 +463	10	101	38	M
1590	Diop. A	-528 +463	4	82	605	M(a)
1591	.. B	-469 +486	4	129	..	M(b)

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1591a	Diop. C	-502 +458	2	..	..	Com.
1592	.. a	-504 +470	A	..	..	N
1592a	.. Ir	nE;S 1595		..	..	G
<u>1593</u>	Delisle	-492 +500	13	110	..	Schr.
1594	Deli. a	-534 +504	AA	..	..	M
1595	.. β	-507 +490	AA	..	..	M
1596	.. γ	-518 +548	A	..	..	M
1597	.. δ	-514 +564	A	..	..	M
1598	G.Hers. ε	-478 +570	A	..	..	M(Deli. E)
1598a	.. E	-470 +562	3	128	..	G
1599	.. ζ	-447 +568	A	..	..	M(Deli. ζ)
1600	Heis D	-439 +524	5	157	604	M(Deli. d)
<u>1601</u>	Heis	-446 +536	8	150	602	S;M(Deli. b)
1601a	.. A	-444 +540	3	151	..	Com.
<u>1602</u>	Caroline Herschel	-427 +566	8	174	603	Birt;M(Deli. C)
1604	G.Hers. C	-429 +604	4	171	648	M(Heracd. c)
<u>1605</u>	Gruithuisen	-537 +542	10	76	601	N;M(Diop. A)
1605a	Grut. E	-555 +606	5	..	694	F(Mair. c)
1606	.. B	-508 +582	6	99	693	M(Mair. b)
1607	.. γ	-521 +592	AA	..	..	M
1608	.. δ	-514 +586	AA	..	..	M
1609	.. ε	-499 +592	A	..	..	M
1610	.. ζ	-526 +574	A	..	..	M
<u>1611</u>	Mairan	-514 +664	26	90	691	Schr.
1612	Mair. A	-489 +624	11	112	692	M
1613	.. D	-538 +655	6	75	695	M(d)
1613a	.. C	-561 +613	3	..	..	M(c)
1613b	.. G	-585 +654	3	..	696	Fr(g)
1614	.. E	-477 +612	3	124	86	M(e)
1614a	.. F	-538 +643	∞ 4	..	..	G
1615	.. a	-478 +662	A	..	..	M
1616	.. β	-500 +635	A	..	..	M

No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
517	Mair. $\eta$	-512 +648	A	..	..	M
518	.. $\theta$	-508 +677	A	..	..	M
519	.. $\omega$	-555 +664	AA	..	..	N
<u>520</u>	Louville	-513 +692	$\phi$ 25	..	..	Schr.
521	Louv. A	-522 +676	3	..	..	M(a)
521a	.. C	-493 +693	3	..	..	M(c)
522	.. D	-498 +700	4	..	..	M(d)
523	.. $\alpha$	-507 +698	AA	..	..	M
524	.. $\beta$	-535 +680	A	..	..	M
525	.. $\gamma$	-495 +715	A	..	..	M
526	.. $\delta$	-489 +699	A	..	..	M
527	Sharp $\theta$	-505 +743	A	..	..	M(Louv. $\theta$ )
<u>528</u>	Sharp	-451 +716	24	145	778	Hell
529	.. $\alpha$	SW	A	..	..	M(A)
530	.. $\beta$	-424 +724	A	..	..	M(B)
531	.. $\gamma$	-472 +715	A	..	..	M
532	.. $\delta$	-422 +710	A	..	..	M
533	.. $\epsilon$	-424 +700	A	..	..	M
534	.. $\zeta$	-449 +715	A	..	..	H
535	.. A	-456 +738	10	143	127	M
536	.. B	-485 +731	11	121	128	M(b)
537	.. C	SW 1635	\	..	..	M(c)
538	.. D	-476 +704	4	125	..	M(d)
539	.. Ir	E 1627	/	..	..	N( $\zeta$ )
540	.. IIr	nSW 1627	/	..	..	N( $\theta$ )
<u>541</u>	Prom Heraclides	-418 +656	AA	..	..	Ric.
542	Heracd. A	-422 +659	3	..	..	M(a)
544	.. $\alpha$	-417 +664	A	..	..	M
545	.. $\beta$	-462 +659	A	..	..	M
546	.. $\gamma$	-445 +665	A	..	..	M
<u>547</u>	Sinus Iridum	-375 +710	+	..	..	Ric.
548	S.Iri. $\gamma$	-443 +678	AA	..	..	S(c)

1620 Goo. calls No. 1620 "P", and gives the name Louville to an irregular formation W of it.

CL.No.	Designation.	Co-ords.	Diam.	Fr.No.	Fr.No.	Authority.
*1649	Jura	-400 +735	AA	..	..	Debes
1650	Bianchini	-372 +752	0 18	238	..	Schr.
1651	Bian. a	SEW	A	..	..	M(A)
1652	.. β	ct	A	..	..	M
*1653	.. γ	-355 +750	AA	..	..	M
*1654	.. δ	-382 +738	AA	..	..	M
1655	.. ε	-385 +755	A	..	..	M
1656	.. D	-394 +738	4	212	..	N(d)
1657a	.. A	-368 +772	5	244	..	G
1657b	.. P	-362 +765	φ 14	..	..	G
1659	Foucault	-408 +770	14	205	60	Birt;M(Harp.A)
1660	Fouc. a	out NNEw	A	..	..	M(A)
*1661	.. β	-425 +772	AA	..	..	M
1662	.. γ	-415 +770	A	..	..	M
1664	Harpalus	-416 +795	25	193	639	Ric.
1665	Harp. B	-384 +830	4	219	640	M
1666	.. C	-401 +824	6	208	641	M
1667	South D	-423 +818	3	..	..	M(Harp.D)
1668	Harp. E	-469 +795	4	131	642	M(e)
1668a	.. H	-473 +806	4	..	643	Fr(h)
*1669	.. γ	-442 +804	A	..	..	M(f)
1671	Bouguer	-357 +790	14	266	24	Schr.
1672	Boug. A	-338 +793	4	314	..	M(a)
1672a	.. B	-325 +801	4	343	..	Com.
1673	.. α	-356 +768	A	..	..	M
1674	.. β	-343 +780	A	..	..	M
1675	.. γ	-362 +780	A	..	..	N
1677	Horrebow	-339 +854	15	309	655	Schr.
1678	Horre. B	-353 +854	7	275	657	M
1678a	.. G	-335 +863	4	320	662	Fr(g)
1678b	.. A	-330 +858	10	..	..	G
1679	J.Hers. C	-298 +885	7	404	658	M(Horre.c)

1649 Sch.'s "d" is rejected and No. 1649 is given to "Jura",  
the mountain range bordering S.Iridum.  
1653 and 1654 On border 1647. 1661 On border 1734.  
1669 Sometimes looks like a crater, and was so reckoned by Mä.



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1680	J.Hers. D	-304 +869	6	392	660	M(Horre.d)
1681	.. E	-283 +869	∅ 8	..	..	M(Horre.e)
1682	.. F	-300 +854	11	399	661	M(Horre.f)
1682a	.. G	-286 +880	4	..	..	G
1682b	.. K	-289 +889	5	430	659	Com.
1682c	.. B	-314 +865	3	367	..	Com.
1682d	.. L	-312 +874	3	371	..	Com.
1682e	.. M	-294 +841	4	416	..	Com.
1682f	.. N	-271 +866	5	490	..	Com.
1682g	.. P	-242 +895	4	602	..	Com.
1682h	.. R	-235 +886	6	624	..	Com.
1683	.. β	-253 +886	∆∆	..	..	N(Horre.β)
<u>1684</u>	Robinson	-370 +858	15	240	656	Birt;M(Horre.A)
1684a	Robin. J	-380 +857	9	..	644	Fr(Harp.i)
1685	.. β	-385 +855	∆∆	..	..	N;M(Horre.β)
<u>1686</u>	J.Herschel	-305 +885	0 95	..	..	Birt
<u>1687</u>	Anaximander	-313 +914	0 60	..	541 542	Ric.
1689	Carp. α	-256 +940	∆	..	..	M(∆)
1690	Anxan. β	-258 +901	∆	..	..	M(∆)
1691	.. A	-288 +927	9	..	544	M
<u>1692</u>	Carpenter	-273 +936	0 38	..	545	Gaud;M(Anxan.b)
1693	Anxan. C	-324 +941	0 50	..	555	M(c);Fr(p)
1693a	.. S	-297 +929	4	..	557	Fr(s)
1693b	.. T	-305 +921	4	..	558	Fr(t)
1693c	.. U	-327 +899	6	..	559	Fr(u)
1693d	.. H	-274 +907	7	..	663	Fr(Horre.h)
1694	Carp. D	-250 +963	57	..	546	M(Anxan.d);Fr(c)
1694a	.. F	-241 +969	15	606	548	Fr(f)
1694b	.. G	-266 +956	8	..	549	Fr(g)
1694c	.. J	-286 +952	8	..	551	Fr(i)
1695	.. C	-266 +963	∅ 65	..	547	M(Anxes.C);Fr(d)
<u>1697</u>	Pythagoras	-397 +894	0 65	..	119	Ric.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1698	Pytha. B	-390 +918	0 12	..	..	M(b)
1699	.. C	-339 +940	6	..	747	M(c)
1700	.. D	-409 +902	0 19	..	748	M(d)
1701	.. E	-347 +885	φ 5	..	..	M(e)
1703	.. α	-397 +894	A	..	119	M(A)
1704	.. β	Inner Nw	A	..	..	N(α)
1705	.. γ	-352 +907	A	..	..	M
<u>1706</u>	South	-412 +842	0 50	..	..	Birt
1706a	South A	-410 +840	3	..	..	G
1706b	.. B	-379 +843	8	228	..	Com.
<u>1707</u>	Babbage	-430 +860	0 80	..	..	Birt
1708	Bab. A	-423 +858	19	185	745	M(Pytha.A)
1709	.. B	-463 +844	4	..	..	N(b)
1709a	.. C	-432 +858	8	..	746	Fr(g)
<u>1710</u>	Cleostratus	-478 +872	0 40	..	..	Ric.
1710a	Cleos. A	-438 +895	0 33	..	588	Fr(Cleostratus)
*1710b	.. B	-434 +895	4	..	590	Fr(b)
*1710c	.. C	-412 +909	8	..	591	Fr(c)
*1710d	.. D	-436 +898	6	..	592	Fr(d)
*1710e	.. E	-454 +890	8	..	593	Fr(e)
1711	.. α	Nw	A	..	..	M(A)
<u>1712</u>	Ænopides	-489 +838	0 41	..	710	Ric.
1713	Ænop. A	-530 +802	0 26	..	711	M
1714	.. B	-482 +859	12	..	..	M(b)
*1715	.. C	-502 +835	5	..	..	M(c)
1716	.. α	Sw 1713	A	..	..	M
1717	Pytha. A	-448 +888	20	..	589	M(a);Fr(a)
<u>1718</u>	Xenophanes	-535 +838	0 50	..	..	Ric.
1718a	Xeno. A	-497 +866	0 22	..	802	Fr(Xenophanes)
1718b	.. C	-497 +862	6	..	804	Fr(c)
1718c	.. D	-508 +854	6	..	805	Fr(d)
1718d	.. E	-531 +846	4	..	806	Fr(e)

1710b-e These four are in or vn the walls of 1710a.

1715 This crater is nw of Mā's c, which is not distinct.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1719	Xeno. $\alpha$	-535 +835	A	..	..	M( <u>A</u> )
1720	.. $\beta$	-553 +824	AA	..	..	M( <u>B</u> )
<u>1721</u>	Repsold	-618 +775	0 45	..	..	M
1722	Reps. A	-600 +783	5	..	..	M
1723	.. B	-580 +795	20	..	..	M(b)
1724	.. D	-539 +729	4	..	762	M(d);Fr(d)
1725	.. E	-550 +772	7	..	763	M(e);Fr(e)
1725a	.. U	-535 +785	0 18	..	..	G(B)
1725b	.. F	-566 +766	5	..	764	Fr(f)
1725c	.. H	-612 +784	7	..	766	Fr(h)
1725d	.. P	-552 +713	4	..	697	Fr(Mair. h)
1725e	.. N	-641 +755	8	..	771	Fr(n)
1725f	.. R	-614 +764	8	..	773	Fr(r)
1725g	.. T	-663 +739	7	..	775	Fr(t)
1725h	.. J	-618 +784	12	..	767	Fr(i)
<u>1726</u>	Galvani	-630 +768	0 20	..	..	S;M(Reps.E)
* <u>1727</u>	Regnault	-586 +810	0 28	..	760	S
1727a	Regn. C	-572 +820	7	..	761	Fr(Reps.c)
<u>1728</u>	Dechen	-643 +719	7	..	772	S;Fr(Reps. P)
1729	Reps. $\alpha$	-608 +775	A	..	..	M( <u>A</u> )
1730	.. $\beta$	-592 +792	A	..	..	N
1732	.. $\gamma$	-553 +731	A	..	..	M
1733	.. $\delta$	-590 +707	AA	..	..	M
<u>1734</u>	Sinus Roris	-530 +720	+	..	..	Ric.
<u>1736</u>	Wollaston	-629 +508	6	38	798	M
<u>1737</u>	Angström	-576 +498	6	59	799	Kr;M(Woll.A)
<u>1737a</u>	Krieger	-627 +484	0 13	..	..	Kön;S(B)
1738	Krieg. B	-626 +481	5	..	800	M(Woll.B)
1739	Woll. C	-667 +526	6	..	801	M(c)
1740	.. $\alpha$	-630 +497	A	..	..	M
1741	.. $\beta$	-631 +552	A	..	..	M
1742	.. $\gamma$	-618 +610	A	..	..	M

1727 Called Repsold by Fr. and Reps. c by M.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
<u>1743</u>	Harbinger Mts.	-590 +450	AA	..	..	Birt
† 1744a	Harb. α	-618 +434	Λ	..	..	Kr.
1745	.. β	-588 +442	Λ	..	..	M(Arsta.β)
† 1745a	.. γ	-606 +435	Λ	..	..	Kr(β)
1747	.. δ	-580 +470	Λ	..	..	M(Arsta.Δ)
1748	.. ε	-626 +446	Λ	..	..	M(Arsta.ε)
† 1749	.. ζ	-590 +450	Λ	..	..	Kr;S(e)
† 1750	.. η	-587 +465	Λ	..	..	Kr.
† 1750a	.. θ	-602 +444	Λ	..	..	Kr(δ)
† 1750b	.. μ	-613 +465	Λ	..	..	Kr.
1752	.. Ir	W 1750b		..	..	N(γ);S(r)
1754	.. IIr	E 1750b		..	..	N(φ);S(r)
<u>1754a</u>	Prinz	-630 +435	φ 17	..	..	Kr.
<u>1755</u>	Aristarchus	-676 +402	21	..	13	Ric.
1756	Arsta. A	-667 +436	5	..	569	M
1757	.. B	-653 +442	4	..	570	M
1758	.. C	-651 +468	4	..	571	M
1761	.. D	-625 +401	2	..	..	M
1762	.. F	-674 +369	11	..	572	M(f)
*1763	.. H	-662 +380	2	..	..	G
1763a	.. Z	-675 +430	4	..	573	Fr(ξ)
1765	.. L	fr 1770	//	..	..	N(a)
1766	.. M	fr 1756	//	..	..	N(b)
1769	.. α	Ww	Λ	..	..	M
1770	.. δ	-674 +418	Λ	..	..	N
1771	.. β	-662 +454	AA	..	..	N(Δ)
1772	.. ε	-684 +409	Λ	..	..	N(ε)
1773	.. ζ	-682 +432	AA	..	..	M
1774	.. ν	-610 +392	Λ	..	..	S(n)
1775	.. η	NEw	Λ	..	..	S(E)
1783	.. Ir	NE 1762	\	..	..	N(ψ)
1784	.. IIr	NSW 1786	/	..	..	N(ψ);S(r)

† These points by Kr. are substituted for others given by M and N as better delineating the mountains.  
 1763 This crater is substituted for M's 2nd f which is scarcely to be found.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1785	Arsta. IIIr	SE 1758	\	..	..	N(L);S(r)
<u>1786</u>	Herodotus	-701 +394	21	..	649	Ric.
1787	Hero. a	Ww	A	..	..	M
1788	.. β	Nw	A	..	..	M
1789	.. γ	-707 +468	AA	..	..	M
1790	.. ε	-722 +421	AA	..	..	M
1792	.. η	-740 +456	A	..	..	M
1793	.. θ	-752 +426	AA	..	..	M
1794	.. ι	-696 +496	AA	..	..	M
1796	.. ν	-712 +462	AA	..	..	N
1797	.. ξ	-688 +439	A	..	..	N(x)
1798	.. χ	-710 +445	A	..	..	M
1799	.. ζ	-698 +439	A	..	..	M
1800	.. δ	-715 +409	A	..	..	M
1801	.. Ir	S 1739		..	..	N(L);S(r)
1806	.. A	-734 +366	6	..	650	M
1807	.. B	-762 +383	4	..	..	M
1808	.. C	-761 +371	2	..	..	S(B')
1809	.. D	-730 +450	5	..	..	M
1810	.. H	-686 +449	3	..	..	G;N(d)
<u>1810a</u>	Schroeter's Valley	-700 +428	W	..	..	Pickering
<u>1811</u>	Schiaparelli	-784 +396	13	..	651	Birt;M(Hero.c)
1812	Schia. A	-813 +390	4	..	652	N(a)
<u>1813</u>	Marius	-758 +206	24	..	702	Ric.
1814	Marius A	-702 +218	8	23	90	M
1815	.. B	-705 +281	6	20	703	M
1816	.. C	-716 +241	6	19	704	M
1817	.. D	-693 +198	5	26	705	M(d)
1818	.. E	-775 +213	4	..	..	M(e)
1820	.. P	-752 +303	2	..	..	S(p)
1820a	.. R	-756 +235	0 30	..	..	G
*1821	.. a	-808 +172	?A (3)	..	..	M(A) —

1821 This appears to be a crater in  
Le Mo. XV.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1822	Marius $\beta$	-766 +168	A	..	..	M
1823	.. $\gamma$	-768 +258	A	..	..	M
1824	.. $\delta$	-760 +246	A	..	..	M
1825	.. $\epsilon$	out SEW	A	..	..	M
1826	.. $\lambda$	+758 +330	A	..	..	M
1827	.. $\iota$	-810 +232	A	..	..	N
1828	.. $\kappa$	-750 +225	A	..	..	N
<u>1831</u>	O.Procellarum	-600 -100 to to -900 +350	+	..	..	Ric.
<u>1832</u>	Reiner	-812 +120	18	10	120	Ric.
1833	Rein. A	-778 + 89	5	13	121	M
1834	.. B	-732 + 98	4	..	754	M
1835	.. C	-780 + 61	4	12	755	M
<u>1835a</u>	Suess	-737 + 76	4	..	756	Kr;M(D)
1836	.. D	-723 + 81	3	..	759	S(Rein.D);Fr(1)
1837	.. F	-702 + 20	5	22	757	M
1838	Rein. E	-761 + 32	4	..	..	M(e)
1839	.. G	-812 + 52	2	..	..	M(g)
1839a	.. H	-805 +158	5	..	758	Fr(h)
1840	.. $\alpha$	-807 +121	A	..	..	M
1841	.. $\gamma$	-845 +133	AA	..	..	M
<u>1843</u>	Galilæi	-874 +182	9	3	49	Ric.
1844	Galil. A	-872 +203	7	4	620	M(a)
1845	.. B	-907 +204	9	..	..	M(b)
1846a	.. D	-878 +152	2	..	622	G;Fr(d)
1846b	.. E	-856 +240	4	..	621	G(C);Fr(e)
1847	.. $\alpha$	-885 +258	A	..	..	M
<u>1849</u>	Seleucus	-856 +360	26	..	776	Ric.
1850	Sel. A	-806 +375	3	..	777	M
1851	.. $\alpha$	Ww	A	..	..	M
1853	.. $\beta$	-860 +390	A	..	..	M(B)
1854	.. $\gamma$	-849 +339	A	..	..	M
1855	.. $\delta$	-870 +330	A	..	..	M

CL.No.	Designation.	Co-ords.	Diam.	f		
1856	Sel. $\epsilon$	-831 +380	A	..		
1857	.. $\zeta$	SWW 1850	AA	..	..	
<u>1859</u>	Briggs	-835 +445	22	..	581	Schr.
1860	Brig. A	-854 +457	12	..	782	M
1861	.. B	-832 +471	14	..	582	M(b)
1862	.. C	-833 +425	2	..	..	M
1863	.. $\beta$	out NEW	A	..	..	M( <u>B</u> )
1864	O.Stru. $\gamma$	-877 +434	A	..	..	M(Brig.T)
1865	.. $\delta$	-889 +454	A	..	..	M(Brig.A)
1866	.. $\epsilon$	E 1861	A	..	..	N(Brig. $\delta$ )
<u>1867</u>	Lichtenberg	-785 +527	12	..	687	M
1868	Lich. A	-757 +484	4	..	688	M
1869	.. B	-734 +548	4	..	689	M(b)
1870	.. $\alpha$	-840 +498	A	..	..	M( <u>A</u> )
1871	.. $\beta$	-765 +545	A	..	..	M
1872	.. $\delta$	-848 +488	AA	..	..	N
<u>1874</u>	Naumann	-719 +578	6	..	690	S;Fr(c)
<u>1875</u>	Harding	-688 +688	14	..	635	M
1876	Hard. A	-736 +648	8	..	636	v
1877	Naum. B	-691 +607	6	..	637	M(Hard. B)
1878	Rümker C	-638 +667	3	..	..	M(Hard.C)
*1879	Hard. D	-673 +683	5	..	..	G
1880a	Rümker E	-655 +623	4	..	638	Fr(Hard.e)
1881	Hard. $\alpha$	-690 +690	A	..	..	M
<u>1881a</u>	Rümker	-643 +653	AA30	..	..	S
1882	.. $\beta$	-650 +636	A	..	..	M(Hard. $\beta$ )
1883	Mairan $\epsilon$	-585 +675	A	..	..	N(Hard. $\epsilon$ )
1884	Hard. H	-680 +652	4	..	..	N(k);G(C)
* <u>1885</u>	Gérard	-705 +700	0 50	..	..	M
*1886	Ge. A	-699 +708	10	..	630	M(a)
1887	... B	-689 +724	7	..	631	M(b)
1888	.. $\alpha$	-689 +710	A	..	..	M( <u>A</u> )

1879 This crater is substituted for M's "Hard.d", which is shallow and hard to distinguish.

1885-6 M's "Gérard", though ill defined, is accepted by later authorities except Fr. who desired to give it the name of No.1886, which, however, is not shown on maps.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
<u>1889</u>	Lavoisier	-776 +617	40	..	679	M
1890	Lav. A	-764 +600	17	..	680	M(a)
1891	.. B	-756 +640	14	..	681	M(b)
1891a	.. C	-789 +584	o 17	..	794	Fr(U.Beil.d)
1891b	.. E	-745 +653	o 28	..	682	M(e);Fr(c)
1891c	.. D	-737 +656	o 39	..	683	Fr(d)
1891d	.. F	-788 +600	10	..	685	Fr(f)
1891e	.. G	-793 +605	9	..	686	Fr(g)
1892	.. a	Nw	Λ	..	..	M(A)
1893	.. γ	on Nw 1890	Λ	..	..	M(Γ)
1894	.. s	-783 +594	Λ	..	..	M
1895	.. β	Ew 1891d	Λ	..	..	M(B)
<u>1896</u>	Ulugh Beigh	-832 +540	o 31	..	791	M
1896a	U.Beil. C	-837 +521	19	..	793	Fr(c)
1897	.. A	-814 +559	o 28	..	792	M(a)
1897a	.. E	-839 +540	o 25	..	795	Fr(e)
1898	.. a	Ew 1896a	Λ	..	..	M(A)
1899	.. β	-827 +556	Λ	..	..	M(B)
<u>1900</u>	Hercynian Mts.	-895 +415	ΛΛ	..	..	M
<u>1901</u>	Otto Struve	-847 +479	φ 150	..	780	Birt
		to				
1902	O.Stru. A	-916 +337				
		-885 +366	o 80	..	..	N(a)
1902a	.. C	-891 +389	5	..	784	G;Fr(d)
1902b	.. E	-845 +480	6	..	785	Fr(e)
1903	.. D	-868 +426	6	..	..	N(1)
1904	.. K	-876 +395	6	..	..	N(2)
1905	.. F	-887 +380	6	..	..	N(3)
1906	.. G	-876 +404	7	..	..	N(4)
1906a	.. H	-898 +426	12	..	783	Fr(c)
1907	.. a	N 1911	Λ	..	..	M(Kra.a)
1908	.. β	SSWw 1902	Λ	..	..	M(Kra.β)
<u>1909</u>	Krafft	-915 +285	o 28	..	672	Schr.
1910	Kra. A	-944 +299	o 28	..	797	M(a);Fr(b)



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1911	O.Stru. B	-917 +332	8	..	..	M(Kra.b)
1912	Kra. C	-913 +282	8	..	676	M(c);Fr(e)
1913	.. D	-924 +261	6	..	675	M(d);Fr(d)
1915a	.. E	-913 +275	5	..	674	Fr(c)
1915b	.. H	-934 +292	7	..	673	Fr(a)
<u>1916</u>	Cardanus	-928 +229	0 26	..	583	Ric.
1916a	Card. C	-952 +196	6	..	715	Fr(c)
1920	.. a	-940 +230	A	..	..	M
1921	.. Ir	fr 1912 to Nw		..	..	S(r)
<u>1922</u>	Vasco da Gama	-964 +246	0 51	..	796	M
1923	V.da G. A	-952 +215	12	..	..	M
1924	.. B	-953 +278	12	..	..	M(b)
1926	.. D	-970 +213	12	..	..	M(a)
<u>1927</u>	Olbers	-962 +124	0 45	..	712	M
1928	Olb. A	-967 +141	0 23	..	713	M(a);Fr(a)
1929	.. B	-955 +118	8	..	714	M(b);Fr(b)
1930	.. D	-966 +175	0 32	..	..	N(c, b);M(2nd b)
1931	.. C	-963 + 75	φ 70	..	..	M
1931a	.. F	-961 + 70	9	..	718	Fr(f)
1931b	.. U	-970 + 72	13	..	719	Fr(u)
1932	.. a	-980 + 55	AA	..	717	M(A);Fr(e)
1933	.. β	-986 +110	AA	..	..	M
1934	.. γ	SEw	A	..	..	M
1935	.. δ	NWw	A	..	..	M
1936	.. Ir	SW 1932; E 1951		..	..	S(r)
1936a	.. IIr	S 1916; E 1845	/	..	..	S(r);G(S)
<u>1937</u>	Cavalerius	-916 + 89	0 35	..	587	Ric.
*1938	Cav. A	-930 + 90	6	..	..	[M(a)]
1939	.. B	-939 +103	13	..	..	M(b)
1939a	.. C	-929 +103	3	..	..	G
1940	.. a	NNEw	A	..	..	M(A)
1941	.. γ	-898 +120	A	..	..	M

1938 This crater is a little N of M's a, which is not a true crater.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1942	Cav. $\beta$	-928 +114	$\Delta\Delta$	..	..	M
1943	.. $\delta$	-918 +160	$\Delta$	..	..	M
<u>1944</u>	Hevelius	-923 + 38	$O$ 70	..	..	Ric.
1945	Hev. $\alpha$	-922 + 40	$\Delta$	..	..	M
1946	.. $\beta$	Ww	$\Delta$	..	..	M( <u>B</u> )
1947	.. $\gamma$	NNWw	$\Delta$	..	..	M( $\Gamma$ )
1948	.. $\delta$	-878 + 90	$\Delta\Delta$	..	..	M
1949	.. $\epsilon$	SSEw	$\Delta$	..	..	M
1950	.. $\iota$	-899 + 71	$\Delta$	..	..	M
1951	.. $\eta$	-960 + 38	$\Delta$	..	..	M
1952	.. $\zeta$	-922 + 28	$\Delta\Delta$	..	..	N(z)
1953	.. $\kappa$	Ew	$\Delta$	..	..	N
1954	.. Ir	nW 1946		..	..	M( $\theta$ )
1955	.. IIr	nW 1979	\	..	..	N( $\xi$ );S(r)
1956	.. IIIr	nW 1976	\	..	..	N( $\xi$ );S(r)
1957	.. IVr	SSE 1946		..	..	N( $\psi$ );S(r)
1958	.. Vr	SSW 1952	/	..	..	N( $\psi$ );S(r)
1959	.. A	-927 + 49	7	..	653	M(a)
1960	.. D	-872 + 53	4	..	654	M(d)
1960a	.. B	-932 + 20	6	..	..	G
<u>1961</u>	Riccioli	-961 - 55	$O$ 93	..	1010	Ric.
1962	Ric. A	-987 -102	$\phi$ 28	..	..	M(a)
1963	.. B	-988 - 50	$\phi$ 60	..	..	M(b)
1964	.. E	-979 -137	$\phi$ 40	..	..	M(e)
1965	.. F	-950 -153	15	..	..	M(f)
1966	.. H	-966 + 19	11	..	1012	M(B);G(H);Fr(C)
1967	.. C	-956 + 9	19	..	..	M
1967a	.. K	-974 - 28	4	..	..	G
*1967b	.. D	-962 - 38	28	..	1014 1317	Com.
*1967c	.. L	-970 - 51	6	..	1015 1318	Com.
1968	.. $\beta$	-960 -100	$\Delta$	..	..	M
1969	.. $\gamma$	-960 -112	$\Delta$	..	..	M

1967b, c Dark spots.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
1970	Ric. $\delta$	-961 - 52	A	..	..	M
1972	.. $\epsilon$	-958 - 95	A	..	..	M
1973	.. $\zeta$	-958 - 8	A	..	..	M
1974a	.. $\alpha$	-963 - 18	A	..	1011	Fr( $\delta$ )
1975	.. Ir	NE 1976	/	..	..	N( $\phi$ );S(r)
1975a	Mare Hiemis	-988 - 97	+	..	1319 1321	Fr.
1976	Lohrmann	-923 - 8	21	..	983	M
1977	Lohr. A	-888 - 13	8	..	80	M
*1978	.. B	-939 - 9	9	..	..	S(b)
*1979	.. D	-907 - 5	$\infty$ 6	..	..	Com.
1982	.. $\gamma$	-903 - 10	A	..	..	M
1985	Hermann	-842 - 15	10	8	984	Schr.
1986	Herm. A	-847 + 3	8	..	..	N;G(A)
1987	Damoiseau	-870 - 83	0 20	..	..	M
1988	Damo. A	nW 1991		..	..	M(a)
1989	.. B	-867 -148	10	..	..	M
1990	.. C	-877 -159	9	..	note to 859	M(c)
1991	.. D	-887 -112	8	..	859	M
1992	.. E	-847 - 91	8	6	34	M(e)
1993	.. F	-873 -138	4	..	..	M(f)
1993a	.. H	-858 - 66	$\phi$ 20	..	..	Goo(G)
1994	.. G	-823 - 38	3	..	..	M(g)
1995	.. M	-878 - 92		..	..	N(m)
1995a	.. K	-865 - 92	$\phi$ 15	..	..	G(B)
1996a	.. L	-857 - 79	7	5	..	Com.
1999	.. Ir	nNW 1989	/	..	..	N( $\gamma$ );S(r)
2000	.. IIr	SSE 2008		..	..	N( $\phi$ );S(r)
2001	.. IIIr	E 1990	/	..	..	N( $\zeta$ );S(r)
2002	Grimaldi	-926 - 93	0 90	..	..	Ric.
2003	Grim. A	-942 - 95	8	..	889	M
2004	.. B	-933 - 51	11	..	890	M
2005	.. C	-878 - 47	5	..	891	M(c)

1978 Sch.'s "b" is preferred to M's, as being larger and more distinct.

1979 This twin crater is substituted for M's "d" which is quite indefinite.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2006	Grim. D	-910 - 63	11	..	..	M(d)
2007	.. E	-900 - 64	7	..	892	M(e)
2008	.. F	-883 - 70	18	..	..	M(f)
2008a	.. K	-916 -150	0 9	..	..	G
2008b	.. J	-942 - 49	4	..	..	G(E)
2009	.. H	-944 - 83	4	..	..	M
*2009a	.. O	-928 - 92	80	..	894 895	Fr.
2010	.. α	-918 - 56	Λ	..	..	M
2011	.. β	NW 2008a	Λ	..	..	M
2012	.. γ	nNE 2008a	Λ	..	..	M
2013	.. δ	-952 -114	Λ	..	..	M(Δ)
2014	.. ε	E 1991	Λ	..	..	N(E)
2015	.. ρ	W 2008a	Λ	..	..	N
2016	.. Ir	W 2010	/	..	..	N(γ);S(r);G(D)
2019	.. IIr	nNW 2004	/	..	..	N(ε)
*2020	D'Alembert Mts.	-70 to -170	ΛΛ	..	..	Schr.
*2021	Rocca	-940 -227	0 70	..	..	Ric.
2022	Roc. A	-919 -248	0 40	..	..	M(a);Gaud(A.Hal
*2023	.. B	-902 -220	12	..	..	M
2024	.. C	-927 -187	7	..	..	M
2025	.. D	-908 -188	5	..	..	M(d)
2026	.. E	-920 -198	φ 25	..	..	N(e)
2027	.. F	-892 -236	12	..	..	M(f)
2028	.. G	-882 -232	10	..	..	M(g)
*2028a	Mare AEstatis	-910 -235 -895 -272	+	..	1328-30 1331-33	Fr.
*2029	Cordillera Mts.	-220 to -360	ΛΛ	..	..	M;N;Lo;Gaud.
2030	Cord. α	-958 -240	Λ	..	..	M(A)
2031	.. β	-931 -300	Λ	..	..	M(B)
2032	.. γ	-960 -270	Λ	..	..	M
2033	.. δ	-940 -270	Λ	..	..	M
2034	Eichstädt	-904 -385	28	..	869	Ric.
2035	Eich. A	-912 -367	9	..	..	M(a)

2009a Large dark spot.

2021 Sch's Rocca is farther W.

2028a The upper line of figures gives the lower line that of the S part.

2020 nE limb.

2023 Is nW Sa's 1, a hill.

2029 nE Limb.

Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
Eich. B	-917 -356	10	..	..	M(b)
.. C	-903 -370	φ 8	..	..	M(c)
.. D	-889 -398	10	..	..	M(d)
.. 7	-895 -406	A	..	871	Fr.
.. α	-879 -430	A	..	..	M
.. β	-930 -372	A	..	..	M
Rook β	-905 -424	A	..	..	S
Darwin(2081)β	-878 -358	A	..	..	M(Eich.β)
.. δ	-888 -361	A	..	..	M(Eich.δ)
Eich. ε	-885 -385 (SEW 2081)	AA	..	..	M
Rook Mts.	-380 to -480	AA	..	..	Schr.
Mare Veris	-960 -280 to -968 -220	+	..	1334 to 1337	Fr.
Mare Autumni	-957 -250 to -981 -184	+	..	1322 to 1327	Fr.
Byrgius	-826 -420	0 40	..	..	Ric.
Byr. A	-816 -416	8	..	26	M
.. B	-798 -410	10	..	..	M
.. F	-866 -393	6	..	..	M(b)
.. C	-859 -412	8	..	..	M
.. D	-842 -409	15	..	835	M(d)
.. E	-841 -398	7	..	836	M(e)
.. G	-874 -466	18	..	838	Com.
.. H	-812 -403	6	..	..	G(B)
Darwin α	-866 -378	AA	..	..	M(Eich.α) N(Byr.α)
Dar. ζ	-868 -398	A	..	..	M
Byr. Ir	NW 2073	\	..	..	N(7)
.. Iir	nN 2050	—	..	..	N(ζ and ε)
Byrgius Cleft	passes thro' 2060		..	..	G
de Vico	-817 -337	9	9	861	N
Vico A	-848 -326	19	..	..	N(a)
.. C	-829 -352	6	..	863	N(c)
.. D	-824 -361	5	..	854	N(d)

2045 On E Limb. Called "Cordilleras" by Goo., El., De.; while M, N, Sch., Lo., Gau., An., follow Schr.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2064	Vico E	-819 -362	6	..	865	N(e)
2064a	.. F	-839 -327	3	..	862	Fr(a)
2065	.. a	-835 -365	A	..	..	N:M(Byr.a)
2066	.. B	-828 -343	A	..	..	N
2067	.. γ	-848 -348	AA	..	..	N
2068	.. δ	-840 -312	A	..	..	N
2069	.. Ir	ESE 2141		..	..	N(φ)
<u>2070</u>	Crüger	-880 -287	0 25	2	854	Ric.
2071	Crüg. A	-858 -278	16	..	..	M(a)
*2072	.. B	-907 -296	5	..	855	Fr(b)
2072a	.. C	-845 -290	7	..	856	Fr(c)
2073	Darwin C	-886 -351	9	..	870	M(Crüg.c)
2073a	Crüg. E	-873 -310	0 7	..	..	G
2074	.. a	-893 -310	A	..	..	M(A)
2075	.. γ	-863 -296	A	..	..	M
2076	.. Ir	NNE 2073	/	..	..	N(ζ)
2077	.. IIr	NW 2076		..	..	N(η)
2079	.. IIIr	E 2075	/	..	..	N(φ)
2080	... IVr	nW 2071		..	..	N(ψ)
<u>2081</u>	Darwin	-888 -368	φ 130	..	..	S
<u>2082</u>	Sirsalis	-849 -218	0 28	..	..	Ric.
2083	Sirs. A	-858 -222	φ 29	..	..	M(a)
2084	.. B	-882 -196	9	..	..	M(b)
2085	.. C	-888 -179	11	..	..	M(c)
2086	.. D	-837 -178	φ 14	..	..	M(d)
2087	.. E	-820 -138	φ 48	..	..	M(e);G(P)
2088	.. F	-843 -235	7	7	131	M(f)
2089	.. G	-858 -240	φ 17	..	..	M(g)
2090	.. H	-862 -242	φ 20	..	..	M(h)
2091	.. J	-840 -232	6	..	1026	M
*2092	.. K	-823 -182	3	..	..	N(k)
*2093	.. L	-840 -200	φ 20	..	..	N(l)

2072 The b of M and N is a larger incomplete formation between this and Crüger.  
 2092 Is at N end of 2099 and 2103.  
 2093 Is irregular plain, crater or valley.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
*2094	Sirs. Z	-868 -180	$\phi$ 50	..	..	[N(z)]
2095	.. a	-848 -218	A	..	..	M
2096	.. $\beta$	Bet.2086 and 2094	AA	..	..	M
2097	Crüg. $\beta$	-873 -250	A	..	..	M(Sirs. <u>B</u> )
2098	Sirs. $\gamma$	-836 -205	AA	..	..	M
2099	.. Ir	fr W 2108		..	..	N( $\zeta$ );S(r)
2101	.. IIR	E 2083 N 2090		..	..	N( $\eta$ )
<u>2103</u>	Sirsalis Cleft	fr W 2071	/	..	..	G;N( $\phi$ );S(r, n)
2104	Sirs. IIIr	fr SE 2108		..	..	N( $\psi$ );S(r)
<u>2105</u>	Fontana	-807 -283	18	..	..	Ric.
2106	Fonta. A	-802 -270	2	..	..	N(a)
2107	.. B	-804 -273	6	..	..	N(b)
2108	.. C	-818 -226	9	..	..	M(c)
2109	.. D	-809 -297	7	..	..	M(d)
2110	.. E	-810 -302	8	..	..	N(e)
2111	.. F	-834 -286	3	..	..	N(f)
2112	.. G	-828 -281	8	..	..	N(g)
2113	.. a	-809 -262	AA	..	..	M
2114	.. $\beta$	-818 -258	A	..	..	M
2115	.. $\delta$	-835 -298	AA	..	..	N( $\Delta$ )
<u>2117</u>	Hansteen	-773 -206	0 26	..	..	Ric.
2118	Hanst. A	-771 -224	4	..	..	M
2121	.. a	-752 -218	AA	..	..	M
2122	.. $\beta$	-765 -190	AA	..	..	M
2123	.. $\gamma$	-770 -170	A	..	..	M
2124	.. $\delta$	-720 -190	A	..	..	M
2125	.. Ir	E 2118		..	..	N( $\phi$ )
<u>2127</u>	Billy	-744 -239	0 24	..	19	Ric.
2128	Bil. a	-718 -240	A	..	..	M
2129	.. $\beta$	-735 -245	A	..	..	M
2130	.. $\gamma$	-726 -280	AA	..	..	M( $\Gamma$ )
2132	.. $\delta$	-716 -271	A	..	..	N

2094 For N's "z" is substituted the walled plain between Nos. 2082 and 2083 (S) and 1989 and 1990 (N).

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
*2133	Bil. 6	-698 -236	A	..	..	Com.
2134	.. e	-736 -258	A	14	..	N
2135	.. 7	-708 -257	A	..	..	M
2136	.. C	-722 -293	6	..	..	N(a)
2137	.. A	-699 -247	4	24	832	M;Fr(b)
2138	.. B	-705 -216	4	..	..	M(b)
2138a	.. D	-722 -256	6	..	833	G(A);Fr(A)
*2139	Zupus	-760 -296	18	..	..	Ric.
2142	Zup. D	-757 -338	10	..	..	S
2143	.. a	NWw	A	..	..	M
2145	.. 7	-735 -338	A	..	..	M
*2146	.. e	-763 -260	A	..	..	N
<u>2147</u>	Mersenius	-709 -368	50	..	..	Ric.
<u>2148</u>	Liebig	-682 -411	20	..	..	Sch;M(Mers.a)
2149	Lieb. B	-670 -433	φ 4	..	..	M(Mers.b)
2150	Mers. B	-731 -360	9	..	991	M
2151	.. C	-676 -338	8	29	94	M
2152	.. D	-673 -392	0 20	..	..	M(d)
2153	.. E	-665 -382	6	32	992	M
2154	Lieb. F	-650 -417	5	..	993	M(Mers. F)
2155	.. G	-644 -441	10	..	..	M(Mers. g)
2156	Mers. M	-696 -362	2	..	..	N(m)
2157	.. N	-704 -376	2	..	..	N(n)
2157a	Lieb. A	-678 -412	3	..	..	S(a)
2157b	Mers. S	-690 -329	9	..	93	N;G(G)
2157c	.. H	-712 -387	9	..	..	G
2157d	.. P	-697 -337	φ 20	..	..	G
*2157e	.. T	-730 -333	14	(16)	..	G(S)
2158	.. a	-666 -333	A	..	..	M
2159	.. 7	NWw	A	..	..	M
2160	Lieb. λ	-670 -428	A	..	..	N(Mers.λ)
2162	Mers. v	-704 -313	A	..	..	N

2133 Probably not Sch's δ as assumed in C.L.  
 2139 Dark Patch. 2146 SW pt. of Goo's P.  
 2157e Sa's No. 16 is the small crater within  
 SW 2157e.



No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
163	Mers. $\rho$	In N	$\Lambda\Lambda$	..	..	N
164	.. $\zeta$	-682 -345	$\Lambda$	..	..	N
165	.. $\chi$	-664 -321	$\Lambda$	..	..	N
166	Lieb. $\epsilon$	-640 -434	$\Lambda$	..	..	S(Mers.E)
167	.. $\gamma$	Ww 2149	$\Lambda$	..	..	S(Mers.g)
168	Mers. I r	2158 to SWw	/	..	..	M( $\theta$ );S(r)
169	.. IIr	W 2158 to 2152	/	..	..	M( $\epsilon$ )
170	.. IIIr	betw. I II	/	..	..	N( $\zeta$ )
172	Lieb. Ir	fr.W 2153		..	..	N( $\phi$ );S(r)
173	.. IIr	fr.out Ew		..	..	N( $\psi$ )
175	Cavendish	-735 -415	0 32	..	..	M
176	Caven. A	-728 -405	9	..	..	M
177	{ Frères }	-764 -408	20	..	..	Gaud;M(B)
178		{ Henry }	-783 -403	21	..	..
179	Caven. E	-733 -430	14	15	846	M(e)
179a	.. F	-729 -440	10	..	..	S
180	de Gasparis	-698 -437	15	..	..	S;M(d)
181	Caven. $\alpha$	SEw	$\Lambda$	..	..	M
182	.. $\beta$	Ww	$\Lambda$	..	..	M
183	.. $\gamma$	-720 -450	$\Lambda\Lambda$	..	..	N
184	.. $\delta$	-770 -380	$\Lambda\Lambda$	..	..	N
185	Lieb. IIIr	NW <u>2180</u>	/	..	..	N(Caven. $\zeta$ )
187	de Gas. Ir	S 2175	/	..	..	N(Caven. $\theta$ )
188	.. IIr	fr.Ew <u>2148</u>	/	..	..	N(Caven. $\phi$ )
189	.. IIIr	nSE <u>2148</u>	/	..	..	N(Caven. $\xi$ )
190	Vieta	-732 -488	30	..	..	Ric.
191	Vie. A	-743 -508	19	..	..	M
192	.. B	-748 -512	0 22	..	..	M
193	.. $\alpha$	W ct	$\Lambda$	..	..	M
194	.. $\beta$	-780 -482	$\Lambda$	..	..	M
195	.. $\gamma$	Ww 2191	$\Lambda$	..	..	M
196	.. $\delta$	NWw	$\Lambda$	..	..	M

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2197	Vie. ε	Ww	Λ	..	..	M
2198	.. λ	-738 -534	ΛΛ	..	..	N
2199	.. μ	-750 -480	ΛΛ	..	..	N
<u>2200</u>	Fourier	-699 -506	28	..	..	M
2201	Palm. A	-633 -534	10	..	46	M(Four.A)
2202	Four. A	-662 -504	14	..	..	M(a)
2203	.. C	-701 -478	9	..	879	M
2204	.. E	-678 -481	10	..	..	N(e)
<u>2205</u>	Palmieri	-652 -478	φ 20	..	..	S;M(b)
2205a	Palm. E	-654 -489	8	..	881	Fr.
2206	Four. F	-706 -483	8	..	..	N(d)
2207	.. D	-662 -523	12	..	..	M(d)
2208	.. α	Ww	Λ	..	..	M
2209	.. β	-711 -542	Λ	..	880	M( <u>B</u> )
2210	.. γ	-683 -558	Λ	..	..	M
2211	Palm. δ	-650 -460	ΛΛ	..	..	N(Four.δ)
2212	Four. ε	-636 -563	ΛΛ	..	..	M
2214	Palm. Ir	In E		..	..	N(ψ)
2215	.. IIr	Thro' W	/	..	..	N( <u>Ξ</u> )
<u>2216</u>	Lagrange	-800 -545	0 80	..	..	M
2217	Lagr. A	-789 -537	4	..	959	M
2218	.. B	-750 -522	8	..	960	M(b)
2219	.. C	-786 -499	16	..	962	M(c)
2220	.. D	-785 -568	7	..	961	N(d);Fr(B)
2221	.. E	-838 -492	φ 24	..	..	M(e)
2222	.. K	-815 -512	12	..	..	N;M(d);G(A)
2222a	.. G	-782 -479	10	..	963	Fr(g)
2222b	.. H	-797 -492	6	..	964	Fr(h)
2222c	.. J	-773 -560	4	..	965	Fr(i)
2223	.. α	nN 2220	Λ	..	..	M
2224	.. β	-769 -580	Λ	..	..	M
2225	.. γ	SW 2241	Λ	..	..	M

L.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2226	Lagr. δ	-795 -550	Λ	..	..	M
2227	.. ε	N 2226	Λ	..	..	N
2228	.. F	-854 -499	φ 25	..	837	M(f)
<u>2229</u>	Piazzi	-752 -587	0 50	..	..	M
2230	Piaz. A	-716 -634	9	..	..	M
2231	.. B	-726 -609	4	..	977	M(b)
2232	.. C	-709 -604	17	..	1005	M(c)
2235	.. F	-711 -583	6	..	1006	N(f)
2236	.. α	N 2231;Ww	Λ	..	..	M
2237	.. β	-743 -608	Λ	..	..	M
2238	.. γ	-748 -592	ΛΛ	..	..	M(Γ)
<u>2240</u>	Bouvard	-765 -630	0 80	..	..	M
2241	Bouv. A	-794 -592	0 30	..	..	M(a)
2242	.. B	-733 -667	12	..	903	M(b)
2242a	.. C	-778 -603	7	..	966	M(c)
2242b	.. D	-724 -680	15	..	902	Fr(Hall a)
2242c	.. F	-717 -675	6	..	905	Fr(Hall d)
2242d	.. G	-716 -671	10	..	906	Fr(Hall e)
2242e	.. H	-715 -664	0 12	..	907	Fr(Hall f)
2242f	.. K	-704 -671	0 11	..	908	Fr(Hall g)
2242g	.. O	-705 -664	0 10	..	909	Fr(Hall h)
2243	.. α	-742 -628	ΛΛ	..	..	M
2244	.. β	-766 -623	Λ	..	..	M
2245	.. γ	-750 -642	Λ	..	..	M
2246	.. δ	NW 2242	Λ	..	..	M
<u>2247</u>	Inghirami	-630 -737	50	..	945	M
2248	Ingh. A	-638 -708	17	..	..	M(a)
2250	.. C	-692 -697	8	..	911	M(c);Fr(Hall k)
2251	.. D	-703 -705	0 30	..	901	M(d);Fr(A. Hall)
2252	Bouv. E	-715 -682	7	..	904	M(e);Fr(Hall c)
2253	Ingh. F	-611 -769	10	..	948	S(A)
2253a	.. P	-697 -717	∞ 9	..	913	Fr(Hall m)

2240 Bouvard was not found by Sch. and Fr., but is fairly well shown, Le Mo. XXII and XXII A.

2251 Fr;Asaph Hall.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2255	Ingh. $\alpha$	Sw	A	..	..	M
2256	.. $\beta$	Ww	A	..	..	M
2257	.. $\gamma$	-610 -773	A	..	..	M
*2257a	Mare Parvum	-756 to -792	+	..	1348 to 1350	Fr.
*2258	Pingré	-551 -809	11	..	937	N
2258a	.. A	-571 -814	17	..	922	Com.
2259	Hausen	-491 -869	0 32	..	919	Schr.;Fr(a)
*2260	Haus. A	-499 -854	0 52	..	918	M(a)
2261	.. B	-487 -844	11	..	929	M(b)
2262	.. C	-492 -854	12	..	..	M(c)
2263	.. D	-548 -834	5	..	939	M(d);Fr(Pingré d)
2264	.. E	-542 -834	10	..	936	M(e);Fr(w)
2265	.. F	-474 -866	9	..	927	M(f)
2266	.. G	-499 -848	5	..	..	N(g)
2267	.. $\alpha$	Ew	A	..	..	M
2268	.. $\beta$	Nw	A	..	..	M
2269	Phocylides	-509 -797	0 57	..	..	M
2270	Phoc. $\alpha$	SSW <u>2274</u>	A	..	..	M
2271	Nasm. $\beta$	Ew	A	..	..	M
2272	Phoc. $\gamma$	SWw	A	..	..	M
2273	.. A	-454 -815	11	..	997	M
2274	Nasmyth	-533 -773	0 32	..	..	Gaud;M(b)
2274a	Nasm. D	-537 -758	8	..	1003	G
2275	Nöggerath	-472 -756	18	..	..	S;M(Phoc.d)
2277	Phoc. C	-508 -780	0 30	..	..	M
2277a	.. G	-486 -786	8	..	..	G
2278	.. E	-484 -819	7	..	998	M
2279	.. F	-496 -814	9	..	..	M(f)
2280	Nög. G	-456 -774	9	..	..	M(Phoc.G)
2281	.. H	-472 -770	0 7	..	..	M(Phoc.h)
2281a	.. F	-488 -744	4	115	..	Com.

2257a Beyond SE Limb.

2258 Schröter's Pingré was a wide plain near the limb, not identified by Mä. Ne. transferred the name to No.2258, Schr.'s A.

2260 Fr; Hausen.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2282	Nög. J	-492 -749	10	109	999	M(Phoc.1)
2283	Phoc. J	-522 -810	13	..	1000	M(I);Fr(1)
*2284	.. K	-465 -788	∞ 12	..	..	M(k)
2285	.. M	-493 -824	5	..	1001	M(m)
2286	.. N	-506 -788	8	..	1002	M
2286a	.. S	-484 -828	5	..	1004	Fr(s)
<u>2287</u>	Wargentín	-565 -761	50	..	1033	Schr.
2288	Warg. A	-584 -733	12	..	1034	M(a)
2289	.. B	-578 -781	13	..	1035	M(b)
2289a	.. F	-569 -783	11	..	1036	G;Fr(c)
2289b	.. D	-571 -778	9	..	1037	Fr(d)
2289c	.. E	-580 -776	9	..	1038	Fr(e)
2290	.. G	-605 -779	8	..	950	M(g);NE of 2
2291	.. δ	-553 -787	Λ	..	..	M
2292	.. Ir	nN 2289	—	..	..	N(φ)
2293	.. Iir	nNW 2289	—	..	..	N(ψ)
<u>2294</u>	Schickard	-590 -700	0116	..	..	Ric.
2295	Schic. A	-550 -730	8	..	1019	M(a)
2296	.. B	-569 -697	8	..	..	M(b)
2297	.. C	-573 -719	8	..	..	M(c)
2298	.. D	-583 -722	4	..	..	M(d)
2299	.. E	-527 -727	φ 16	..	..	M(e)
2300	.. F	-534 -737	16	..	..	M(f)
2300a	.. J	-622 -708	8	..	..	G
2303a	.. G	-626 -683	7	..	1020	Fr(g)
2304	.. Z	nN 2288		..	..	M(ζ)
2304a	.. K	-646 -695	0 11	..	..	G(H)
2306a	.. H	-641 -690	9	..	1021	Fr(h)
2306b	.. P	-546 -684	φ 60	..	..	G
2307	.. α	NW 2296	Λ	..	..	M
2308	.. β	SW 2296	Λ	..	..	M
2309	.. γ	NE 2299	Λ	..	..	M

2284 NE crater of two near ones.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2310	Schic. δ	E 2300	ΛΛ	..	..	M
2311	.. ε	SSE 2297	Λ	..	..	M
2312	.. ζ	E 2342a; NWw	Λ	..	..	M
<u>2313</u>	Lehmann	-638 -642	0 23	..	..	M
2314	Lehm. α	Ww 2319	ΛΛ	..	..	M
2315	.. β	Nw	Λ	..	..	M
2316	.. γ	SEw	Λ	..	..	M
2317	.. δ	Sw 2318a	Λ	..	..	M
2318	.. C	-624 -582	9	40	970	M
2318a	.. A	-630 -633	0 26	..	..	G
2318b	.. B	-628 -623	0 12	..	..	G
2318c	.. G	-649 -626	12	..	..	G
2318d	.. D	-649 -637	7	..	971	Fr(d);G(C)
2318e	.. H	-644 -657	8	37	973	Fr(g)
*2319	.. E	-653 -605	24	..	..	N(e);G(K)
2320	.. F	E 2318b		..	..	N(f)
<u>2321</u>	Lacroix	-677 -613	0 22	..	..	N;M(Lehm. b)
2322	Lacro. A	-671 -577	6	..	..	M
2323	.. E	-685 -641	9	..	..	M(e)
2324	.. F	-667 -653	8	..	972	M(f)
2325	.. Z	-693 -672	11	..	910	N(z);Fr(Hall 1)
2325a	.. H	-660 -625	7	..	974	Fr(Lehm.h)
2325b	.. J	-674 -621	11	..	975	Fr(Lehm.i)
2325c	.. B	-694 -602	5	..	976	Com.
2326	.. η	-663 -617	ΛΛ	..	..	M;N(a)
2327	.. β	-681 -592	Λ	..	..	N
2328	.. γ	-681 -583	Λ	..	..	N
2329	.. ζ	-662 -580	Λ	..	..	M;N(δ)
<u>2330</u>	Drebbel	-570 -655	19	62	39	M
2331	Dreb. κ	-580 -637	ΛΛ	..	..	N(map, α)
2332	.. β	-547 -667	Λ	..	..	N
2333	.. γ	-520 -702	Λ	..	..	N

2319 || or φ.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.			
2334	Dreb. $\delta$	-556 -655	A	..	..		
2335	.. $\epsilon$	-575 -665	AA	..	..	M	
2336	.. B	-578 -617	10	..	..	M(b)	
2337	.. C	-518 -648	15	..	..	M(c)	
2337a	.. M	-497 -660	3	102	..	Com.	
2338	.. D	-598 -615	6	..	868	M(d)	
2339	.. E	-613 -623	$\phi$ 24	..	..	N(e)	
2340	.. F	-516 -679	8	89	..	M(f)	
2341	.. G	-512 -693	9	91	..	M(g)	
2342	.. H	-524 -663	$\phi$ 4	..	..	M(h)	
2342a	.. J	-600 -652	O 6	..	..	G(F)	
2342b	.. K	-583 -643	$\phi$ 14	..	..	W1(C)	
2342c	.. L	-591 -647	4	53	..	Com.	
<u>2343</u>	Clausius	-554 -600	15	69	867	N;M(Dreb.A)	
2345	Claus. B	-524 -588	15	..	..	M(b)	
2346	.. C	-512 -580	7	92	..	M(c)	
2347	.. F	-495 -594	14	107	..	M(f);G(C)	
2347a	.. D	-549 -624	O 10	..	..	G(C)	
2348	Dreb. $\alpha$	-520 -620	A	..	..	M	
2349	Claus. $\alpha$	-571 -588	A	..	..	N(NW of 3)	
2350	.. $\beta$	-558 -632	AA	..	..	N	
2351	.. $\gamma$	-568 -615	AA	..	..	M	
2352	.. $\epsilon$	Ew 2345	A	..	..	N	
<u>2353</u>	Vitello	-525 -506	O 22	84	..	Ric.	
2354	Vitel. A	-553 -562	12	70	..	M	
2355	.. B	-496 -518	7	103	1030	M	
2356	.. C	-571 -537	8	61	..	M(c)	
2357	.. D	-549 -547	10	72	1031	M(d)	
2358	.. E	-510 -487	4	94	1032	M	
*2359	.. F	-539 -484	8	..	..	M	
2360	.. H	-575 -543	8	..	..	N(h)	
*2360a	.. K	-519 -524	$\infty$ 8	..	..	G(E)	

2359 Clear Spot.

2360a The co-ordinates are of the larger one of two near craters.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2361a	Vital. P	-531 -519	3	81	..	G
2362	.. a	-538 -534	A	..	..	M( <u>A</u> )
2363	.. s	-474 -496	A	..	..	M( <u>a</u> )
2364	.. β	-504 -542	AA	..	..	M
2365	.. γ	-516 -546	AA	..	..	M
2366	.. ε	-535 -547	AA	..	..	M
2366a	.. ζ	-524 -505	A	85	148	Com.
2367	.. θ	-512 -504	A	..	..	M
2368	.. λ	-486 -472	A	..	..	N
2369	.. μ	-488 -486	A	..	..	N
2370	.. χ	-515 -477	A	..	..	N
<u>2371</u>	Lee	-558 -509	φ 24	..	..	Birt
2372	.. γ	-588 -516	A	..	..	M
2373	.. ζ	SWW	A	..	..	M(Vitel.ζ)
2374	.. η	NEW	A	..	..	M(Vitel.η)
2375	.. E	W 2356	∥	..	..	N(e)
2375a	.. M	-550 -497	o 30	..	..	G
<u>2376</u>	Doppelmayr	-580 -478	φ 34	..	..	Schr.
2377	Dop. a	ct	A	..	..	M( <u>A</u> )
2378	Palm. a	-638 -475	A	..	..	N(Dop.a)
2379	Dop. β	Ew	A	..	..	M
2380	Puis. s	-534 -456	AA	..	..	M
2380a	Dop. J	-599 -418	4	..	..	G
2380b	.. K	-596 -409	5	..	..	G
2380c	.. L	-594 -403	4	..	..	G
2381a	.. B	-612 -510	6	..	..	M(b)
<u>2382</u>	Puisseux	-557 -466	14	68	..	Kr;M(c)
2383	.. D	-531 -434	4	80	866	M(Dop.D)
2385	.. F	-575 -400	3	..	..	N(Dop.F)
2386	Dop. G	-626 -480	7	..	..	N
2387	.. Ir	nNW 2386 to nW 2154		..	..	N(φ)
<u>2388</u>	Mare Humorun	-600 -400	+	..	..	Ric.



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
<u>2389</u>	Gassendi	-611 -301	0 63	..	883	Ric.
2390	Gas. $\alpha$	-654 -316	$\Lambda$	..	52	M( <u>A</u> )
2391	.. $\epsilon$	ct	$\Lambda$	..	..	N( $\alpha$ )
2392	.. $\beta$	-611 -297	$\Lambda$	44	..	M
2393	.. $\gamma$	SEw	$\Lambda$	..	..	M
2393a	.. $\eta$	NWw	$\Lambda$	..	..	N(2nd $\gamma$ )
2394	.. $\delta$	-582 -294	$\Lambda$	..	..	M
*2396	.. $\zeta$	-652 -283	$\Lambda$	34	55	M( <u>Z</u> )
2397	.. $\lambda$	N 2393	$\Lambda$	..	..	N
2398	.. $\mu$	S 2401	$\Lambda$	..	..	N
2399	.. $\theta$	SE 2398	$\Lambda$	..	..	M( $\theta$ );N( $\nu$ )
2400	.. $\circ$	E 2399	$\Lambda$	..	..	N
2401	.. $\kappa$	Inner Ww	$\Lambda\Lambda$	..	..	N
2402	.. $\sigma$	NE 2392	$\Lambda$	..	..	N
2403	.. $\tau$	E 2392	$\Lambda$	..	..	N
2406	.. $\omega$	-650 -250	$\Lambda$	..	..	N
2407	.. $\phi$	-590 -250	$\Lambda$	..	..	S(m)
2409	.. Ir	fr 2151	/	..	..	M( $\eta$ );N( $\phi$ );S(r)
2411	.. IIr	fr E 2417		..	..	S(r)
2412	.. A	-616 -268	20	..	884	M
2413	.. B	-629 -253	18	..	885	M(b)
2414	.. C	-602 -260	15	..	..	M(c)
2415	.. E	nWNW 2390	//	..	..	N
2416	.. F	-682 -259	5	28	886	M
2417	.. G	-672 -288	4	31	54	M
2418	.. H	-637 -313	$\phi$ 6	..	..	M
2419	.. J	-559 -368	6	67	88	M;G(M);Fr(I)
2419a	.. O	-532 -373	6	79	887	G(C);Fr(n)
2420	.. L	-629 -350	4	..	..	M
2421	.. M	-598 -328	3	..	..	N(m)
2422	.. N	-597 -319	3	48	..	N(n)
2423	.. P	-627 -301	2	..	..	N(p)

2396 Has a crater on top.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2423a	Gas. R	-568 -373	2	63	..	Com.
2423b	.. T	-547 -326	5	73	..	Com.
2424	.. Y	-580 -356	4	58	..	N(y)
<u>2425</u>	Herigonius	-543 -231	9	74	53	Ric.
2426	Heri. E	-565 -238	4	64	..	M
2427	.. $\eta$	-498 -276	$\Delta\Delta$	..	..	M
2428	.. $\iota$	-535 -300	$\Delta\Delta$	..	..	M
2429	.. $\lambda$	-549 -260	$\Delta\Delta$	..	..	M
2430	.. $\chi$	-556 -300	$\Delta$	..	..	M
2430a	.. $\delta$	-570 -256	$\Delta$	..	..	N( $\Delta$ )
<u>2431</u>	Letronne	-662 -182	$\phi$ 60	..	..	M
2432	Letr. A	-616 -210	4	..	978	M
2433	.. B	-646 -195	3	..	979	M
2435	.. F	-711 -160	4	..	980	M(f)
2436	.. $\alpha$	-666 -178	$\Delta$	..	..	M( <u>A</u> )
2437	.. $\beta$	-652 -218	$\Delta$	..	..	M
2439	.. $\delta$	SEW	$\Delta$	..	..	M
2441	.. $\lambda$	-627 -207	$\Delta\Delta$	..	..	N
2442	.. $\rho$	W 2436	$\Delta$	..	..	N
2442a	.. $\eta$	-648 -146	$\Delta$	35	..	Com.
<u>2443</u>	Flamsteed	-696 - 78	11	25	45	M
2444	Flam. A	-674 -137	7	30	875	M
2445	.. B	-687 -103	5	27	876	M
2446	.. C	-719 - 96	5	17	877	M
2447	.. D	-704 - 55	4	21	878	M(d)
2447a	.. E	-718 - 64	3	18	..	Com.
2448	.. F	-653 - 79	7	..	..	M(f)
2448a	.. H	-785 - 98	3	11	..	Com.
2449	.. $\alpha$	-637 - 52	$\Delta$	..	..	M( <u>A</u> )
2450	.. $\beta$	-670 - 40	$\Delta$	..	..	M( <u>B</u> )
2451	.. $\delta$	-706 - 34	$\Delta$	..	..	M( $\Delta$ )
2452	.. $\epsilon$	-784 - 60	$\Delta$	..	..	M( <u>E</u> )

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2453	Flam. $\zeta$	-754 -122	A	..	..	M
2454	.. $\eta$	-764 - 91	A	..	..	M
2455	.. $\kappa$	-780 - 41	A	..	..	N
2456	.. $\rho$	-772 - 54	A	..	..	N
<u>2457</u>	Wichmann	-611 -131	6	43	872	N
2458	Wich. $\gamma$	-620 - 95	AA	..	..	M( $\Gamma$ )
2459	.. $\epsilon$	-610 -112	AA	..	..	M
2460	.. $\theta$	-642 -110	AA	..	..	M
2460a	.. $\alpha$	-600 -106	A	46	..	Com.
<u>2461</u>	Euclides	-488 -129	7	113	42	M
2462	Eucl. B	-494 -204	6	108	873	M
2463	.. C	-487 -230	6	119	874	M
2464	.. D	-429 -163	3	172	..	M(d)
2464a	.. E	-421 -110	2	187	..	N(e)
2464b	.. F	-551 -111	4	71	..	G(D)
2464c	.. K	-416 - 73	4	194	..	G
2464d	.. M	-464 -181	3	134	..	Com.
* <u>2465</u>	Riphaeus Major	-464;-140 to -190	AA	..	..	Kr.-Kö.
* <u>2466</u>	.. Medius	-436 -107 to -458 -140	AA	..	..	Kr.-Kö.
* <u>2467</u>	.. Minor	-470;-150 to -170	AA	..	..	Kr.-Kö.
* <u>2468</u>	.. Boreus	-447 - 84 to -457 -130	AA	..	..	Kr.-Kö.
* <u>2469</u>	Ural	-475;- 77 to -140	AA	..	..	Kr.-Kö.
2470	Lands. $\eta$	-422 - 53	A	..	..	M(Euc.H)
2471	Eucl. $\xi$	-506 -154	A	..	..	M
2472	Riph. Maj. $\iota$	-463 -190	A	..	..	M(Euc. $\iota$ )
2473	Ural $\kappa$	-476 -115	A	..	..	M(Euc. $\kappa$ )
2474	Eucl. $\lambda$	-551 -108	AA	..	..	M
2475	.. $\mu$	-513 -136	A	..	..	M

2465 to 2469 These designations are substituted for Mä's Euc.  $\alpha$ , to  $\zeta$ , which occupy rather uncertain positions. 2466 includes Kr's "Boreus" and "Medius"; 2468 = his "Semlja-Novaja"; and 2469 includes his "Trans-Semlja" and "Antural" with his "Ural".

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2476	Eucl. $\nu$	-542 -190	AA	..	..	M
*2476a	.. o	-487 -183	A	120	..	Com.
2477	Ural $\chi$	-479 - 77	A	..	..	N(Euc.X)
2478	Eucl. $\epsilon$	-553 -172	A	..	..	N(E)
2479	Lands. $\theta$	-409 - 88	A	..	..	M(Euc.©)
2479a	.. $\alpha$	-427 + 10	A	177	..	Com.
2479b	.. $\beta$	-413 - 19	A	201	..	Com.
2479c	.. $\gamma$	-407 -108	A	206	..	Com.
<u>2480</u>	Landsberg	-448 - 6	24	147	..	Ric.
2481	Lands. A	-517 + 3	5	88	77	M
2482	.. B	-470 - 43	5	127	968	M
*2483	.. D	-508 - 52	7	98	969	M(d)
*2484	.. C	-487 - 26	12	118	..	M(c)
2485	.. E	-504 - 32	3	100	..	N(e)
2486	.. F	-510 - 38	5	93	..	N
2487	.. G	-491 - 11	4	..	..	N(g)
<u>2489</u>	Riphaeus	-463;- 80 to -190	AA	..	..	M
2489a	Riph. P	-460 - 75	$\phi$ 44	..	..	G
<u>2490</u>	Agatharchides	-484 -336	$\phi$ 30	..	..	M
2491	Agar. A	-437 -395	9	158	65	M
2491a	.. B	-488 -366	4	114	..	Com.
2493	.. C	-503 -374	6	..	..	M
2495	.. E	-506 -351	$\phi$ 8	..	..	M(e)
2496	.. H	-522 -345	8	..	..	M(h)
2496a	.. F	-490 -346	4	..	..	G(A)
2496b	.. G	-423 -344	3	186	..	Com.
2499	.. N	-459 -358	$\phi$ 10	..	..	N(n)
2499a	.. P	-449 -345	$\phi$ 32	..	..	G
2499b	.. O	-423 -329	3	183	..	Com.
2500	.. $\alpha$	-507 -332	AA	..	..	M
2501	.. $\beta$	SW 2500	A	..	..	M
2502	.. $\gamma$	-475 -360	AA	..	..	M

2476a Bright Spot.                      2483 Called Schlumberger by Lamèch.  
 2484 Is named Rudaux by Lamèch and Kunowsky by Sch., but the  
 latter name was already given by Ne. to No.1535.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2503	Agar. $\delta$	-433 -348	$\Lambda\Lambda$	..	..	M
2504	.. $\rho$	W 2501	$\Lambda$	..	..	N( $\psi$ , map)
2505	.. $\lambda$	-508 -356	$\Lambda\Lambda$	..	..	N
2506	.. $\nu$	-507 -366	$\Lambda$	..	..	S(n)
2507	.. $\kappa$	Ww 2523	$\Lambda$	..	..	S
2508	.. $\eta$	NNWw	$\Lambda$	..	..	M(H)
2509	.. Ir	fr 2491		..	..	M( $\zeta$ );N( $\phi_3$ )
2510	.. IIr	fr nw 2499	/	..	..	M( $\epsilon$ );N( $\phi_4$ )
<u>2511</u>	Hippalus	-456 -420	$\phi$ 32	..	..	M
2512	Hipl. Ir	Thro' Sw	/	..	..	M( $\delta$ );N( $\phi_1$ )
2513	.. IIr	fr 2526		..	..	M( $\epsilon$ );N( $\phi_3$ )
2514	.. IIIr	fr Sw 2491		..	..	S(r);N( $\phi_2$ )
2518	.. $\gamma$	-477 -458	$\Lambda\Lambda$	..	..	M
2519	.. $\epsilon$	SE 2491	$\Lambda\Lambda$	..	..	N
<u>2520a</u>	Cape Kelvin	-492 -450	$\Lambda\Lambda$	..	..	Kr.
2521	Hipl. A	-495 -403	5	105	944	M
2522a	.. B	-456 -425	3	142	..	G
<u>2523</u>	Loewy	-500 -387	$\phi$ 12	..	..	Kr;M(f)
* <u>2525</u>	Campanus	-411 -469	0 28	..	27	Ric.
2526	Camp. A	-430 -438	6	169	840	M
2527	.. B	-425 -489	4	180	..	M
2528	.. G	-455 -478	6	..	..	N(g)
2529	.. a	-427 -446	$\Lambda$	..	..	M
2530	.. $\beta$	-437 -481	$\Lambda\Lambda$	160	..	M
2531	.. $\zeta$	-413 -443	$\Lambda\Lambda$	200	..	M
2532	.. $\rho$	-460 -490	$\Lambda\Lambda$	..	..	N( $\psi$ , map)
2533	.. Ir	fr 2526	/	..	..	M( $\gamma$ );N( $\phi_3$ )
2535	.. IIr	NE 2533	/	..	..	M( $\epsilon$ );N( $\phi_2$ )
<u>2536</u>	Mercator	-386 -488	0 22	..	..	Ric.
2537	Merca. A	-401 -509	5	209	990	M(a)
2538	.. B	-371 -487	4	239	..	M(b)
2539	.. a	-380 -516	$\Lambda$	..	..	M

2525 Fr's measure is of the central peak.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2540	Merca. $\beta$	-332 -508	A	..	..	M
2541	.. $\gamma$	-338 -500	A	..	..	M
2542	.. $\delta$	-346 -520	A	..	..	M
2543	.. $\epsilon$	NW	A	..	..	M
2544	.. $\zeta$	SEW	A	..	..	M
2545	.. $\kappa$	-360 -506	AA	..	..	N(k)
2546	.. $\lambda$	-366 -510	A	..	..	N
2547	.. $\rho$	W 2544	A	..	..	N
<u>2548</u>	Capuanus	-370 -560	$\emptyset$ 42	..	..	Ric.
2549	Capu. $\alpha$	SEW	A	..	..	M
2550	.. $\gamma$	-405 -545	A	..	..	N(I')
2551	.. $\delta$	-322 -588	A	..	..	M
2552	.. $\epsilon$	-340 -560	A	..	..	M
2553	.. Ir	fr nNE 2776	/	..	..	M( $\delta$ );N( $\phi$ )
2554	.. A	-356 -569	8	272	841	M
2554a	.. C	-350 -572	6	287	..	Com.
2555	.. B	-384 -564	6	220	..	M
2556	Haiding. C	-295 -632	12	..	..	M(Capu.c);S(e)
2556a	.. G	-296 -637	6	411	..	Com.
2557	Capu. D	-356 -595	12	..	..	M(d)
2557a	.. P	-386 -577	$\phi$ 42	..	..	G
2558	.. E	-361 -609	$\emptyset$ 16	256	..	M(e)
2558a	.. F	-358 -601	4	260	..	Com.
2558b	.. H	-353 -634	2	277	..	Com.
2558c	.. K	-352 -614	4	282	..	Com.
2558d	.. L	-348 -620	6	291	..	Com.
2558e	.. M	-343 -608	3	303	..	Com.
<u>2559</u>	Elger	-405 -578	$\phi$ 8	..	..	Kr;N(Capu.f)
2559a	Haid. J	-325 -615	9	344	842	Fr(i)
<u>2560</u>	Haidinger	-328 -631	11	332	..	S
2560a	Haid. A	-325 -625	4	346	..	Com.
2560b	.. B	-320 -632	5	354	..	Com.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
<u>2561</u>	Ramsden	-442 -543	16	153	1008	M
<u>2562</u>	Dunthorne	-454 -501	10	144	1009	Kr;M(A)
2563	Ram. D	-488 -564	12	116	..	M
2563a	.. E	-465 -583	5	133	..	Com.
<u>2564</u>	Lepaute	-462 -549	8	137	..	Kr;M(e)
<u>2565</u>	Marth	-419 -517	5	191	..	Kr;N( $\psi$ );G(P)
*2565a	.. $\alpha$	-433 -514	A	167	..	Com.
2566	Ram. G	-427 -578	5	175	..	M(g)
2567	.. H	-438 -582	4	..	..	M(h)
2568	.. $\alpha$	Ew	A	..	..	M
2569	.. $\delta$	-499 -554	A	..	..	M
2569a	.. $\gamma$	-463 -575	A	136	..	Com.
2570	Merca. Ir	fr Ew	/	..	..	N( $\phi$ );S(r);
2571	Ram. Ir	fr Ww to	\	..	..	N(1,4);S(r)
2572	.. IIr	2559 fr 2565 to 2567	/	..	..	N(2,7);S(r)
*2572a	.. IIIr	fr NWw	/	..	..	N(9,11);G(2,3)
<u>2572b</u>	Palus Epidem- iarum	-380 -480 to to -460 -580	+	..	..	S
<u>2573</u>	Hainzel	-410 -656	$\phi$ 60	..	..	Ric.
2574	Hainz. $\alpha$	WNWw	A	..	..	N
2575	.. $\beta$	SEw	A	..	..	M
2576	.. $\gamma$	nS ct	A	..	..	M
2577	.. $\delta$	-382 -698	AA	..	..	M
2578	.. $\epsilon$	-445 -696	A	..	..	M
2579	Wilh. $\zeta$	-327 -695	A	..	..	M(Hainz. $\zeta$ )
2580	Hainz. $\kappa$	-390 -650	A	..	..	N
2582	.. L	-450 -617	8	146	..	M(1)
2582a	.. O	-487 -624	6	117	..	Com.
2582b	.. T	-462 -646	6	138	..	Com.
*2585	Lagalla N	-310 -706	7	374	1044	N(Hainz.N)
*2586	Hainz. Q	-396 -690	9	..	..	N(q)
2587	Epim. S	-358 -670	15	..	..	N(Hainz.S)
2587a	.. A	-349 -699	9	..	..	S

2565a Is the W one of 2 peaks.

2572a Consists of 2 parallel rills.

2585 See 2731      2586 Bright spot.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2587b	Epim. B	-360 -664	5	257	..	Com.
2588a	Hainz. J	-484 -613	7	122	..	G
2588b	.. K	-423 -610	9	184	899	G;Fr(B)
2588c	.. P	-475 -680	16	..	..	G(S)
2588d	.. R	-463 -626	9	135	..	G(A)
2589	.. A	-365 -685	9	250	898	M
2590	.. B	-434 -615	7	165	..	M
2590a	.. H	-436 -601	6	162	..	Com.
2590b	.. C	-398 -658	0 18	..	..	G(P,L)
<u>2591</u>	Epimenedes	-372 -658	16	..	..	S(M,C)
<u>2591a</u>	Mee	-420 -687	φ 60	..	..	Wi.
2592	Hainz. E	-367 -701	7	247	..	S(D)
2592a	.. D	-382 -712	4	223	..	M
*2592b	.. M	-339 -717	∞ 4	312	..	Com.
2592c	.. F	-337 -710	8	317	1045	Fr(k)
2592d	.. P	-347 -718	7	292	..	Com.
2593	Mee E	-419 -679	8	..	..	M(Hainz.e)
2594	.. F	-435 -686	7	164	900	M(Hainz.f)
2595	.. G	-457 -717	0 10	..	..	M(Hainz.g)
* <u>2597</u>	Schiller	-396 -783	0 100	155	1022	Ric.
2598	Schil. A	-414 -733	6	196	1023	M
2599	.. B	-412 -751	11	..	..	M(b)
2600	.. C	-436 -826	φ 18	..	..	M(c)
2601	.. α	SEW	A	..	..	M
2602	.. β	NEW	A	..	..	M
2603	.. γ	W 2602	AA	..	..	N
<u>2604</u>	Bayer	-357 -783	0 27	269	..	Ric.
*2604a	Bay. A	-316 -780	8	363	..	S;G
*2605	.. E	-329 -787	0 17	..	..	G;S(e)
2605a	.. M	-327 -773	5	336	..	Com.
*2606	.. B	-311 -752	10	375	..	S;G
*2607	.. C	-338 -758	0 18	..	..	S;G

2592b Co-ordinates refer to NE crater.

2697 Sa's position is N end of formation.

2604a, 2605, 2606, 2607, 2608, 2609, 2609a The authorities S and G are given for these, because the positions they give are more correct than those of M<sup>a</sup> and N<sup>e</sup>.



OL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
*2608	Bay. D	-332 -742	10	324	..	S;G
2608a	.. N	-325 -746	4	345	..	Com.
*2609	.. J	-339 -793	11	..	..	G(B)
*2609a	.. F	-315 -798	Ø 10	365	..	G;S(f)
2612	.. G	-360 -788	4	..	..	N
†2613	.. H	-320 -804	Ø 23	..	..	N(h);G(P)
2614	.. K	-357 -769	Ø 9	268	827	N(κ and λ)
2614a	.. L	-374 -737	8	236	828	Fr(l)
2615	.. α	-377 -770	Λ	..	..	M
2618	.. η	-380 -746	ΛΛ	..	..	M
<u>2619</u>	Rost	-307 -833	Ø 22	386	..	Schr.
2620	Rost A	-330 -833	Ø 20	..	..	M(a)
2621	.. B	-343 -813	12	..	..	M(b)
2623	.. M	-295 -824	12	414	..	N(m);G(C)
2623a	.. D	-288 -835	14	..	..	G
2624	.. ε	-260 -828	Λ	..	..	M
2625	.. α	-308 -850	Λ	..	..	M
2625a	.. β	-336 -818	Λ	319	..	Com.
<u>2626</u>	Weigel	-333 -848	Ø 21	..	..	Schr.
2627	Wei. A	-318 -853	9	358	1039	M
2628	.. B	-344 -850	Ø 26	..	..	M(b)
2629	.. C	-338 -861	4	315(b)	..	M(c)
2630	.. D	-357 -843	7	..	..	M(d)
2630a	.. E	-370 -832	6	..	..	G
2631	.. α	-358 -837	ΛΛ	..	..	M
2632	.. β	-360 -824	ΛΛ	..	..	N
<u>2633</u>	Segner	-386 -856	Ø 38	..	1024	Schr.
2634	Seg. A	-395 -841	4	..	..	M
2635	.. B	-444 -849	φ 15	..	..	M
2636	.. C	-376 -847	9	..	..	M(c)
2636a	.. H	-389 -856	3	..	..	G
2637	.. α	NEW	Λ	..	..	M

† 2613 Is included in C.L.2610.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2638	Seg. $\beta$	SWW	A	..	..	N;M( $\alpha, \beta$ )
2639	.. $\gamma$	Sw 2636	A	..	..	M
<u>2640</u>	Zuchius	-369 -876	O 37	..	..	Ric.
2640a	Zuch. F	-369 -876	5	..	1054	Com.
2641	.. A	-392 -882	17	..	1055	M(a)
2642	.. B	-387 -881	10	..	..	M(b)
2643	.. D	-402 -882	12	..	..	M(d)
2644	.. E	-411 -881	8	..	..	M(e)
2645	.. O	-348 -874	11	..	..	M(c)
2646	.. $\alpha$	Ew	A	..	..	M
2647	.. $\beta$	Ww	A	..	..	N( $\alpha$ )
<u>2648</u>	Bailly	-360 -920	O 120	..	..	Schr.
2649	Baill. A	-305 -935	20	..	809	M(a);Fr(a)
2650	.. B	-323 -932	O 33	..	810	M(b);Fr(b)
2650a	.. F	-358 -924	9	..	812	N(b);Fr(d)
2650b	.. G	-354 -911	10	..	815	Fr(g)
2651	.. C	-385 -912	11	..	811	M(c);Fr(c)
2652	.. D	-398 -908	17	..	817	M(d);Fr(i)
2652a	.. O	-291 -937	8	..	813	Fr(e)
2652b	.. T	-381 -917	12	..	814	Fr(f)
2652c	.. N	-441 -871	6	..	821	Fr(n)
2652d	.. P	-441 -863	8	..	822	Fr(p)
2652e	.. R	-419 -905	9	..	823	Com.
2652f	.. S	-421 -907	$\infty$ 10	..	824	Com.
2652g	.. U	-311 -948	9	..	825	Com.
2652h	.. V	-311 -949	8	..	826	Com.
2653	.. E	-421 -887	8	..	818	M(e);Fr(k)
2653a	.. H	-394 -895	7	..	816	Fr(h)
2654	Legel. $\alpha$	-268 -955	AA	..	..	M(Baill. <u>A</u> )
2655	Baill. $\alpha$	nW 2650	AA	..	..	N
2656	.. $\beta$	SEw	AA	..	..	M
2657	.. $\gamma$	-360 -927	AA	..	..	M

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2658	Baill. $\delta$	-420 -903	$\Lambda$	..	..	M
2659	.. $\epsilon$	-365 -902	$\Lambda$	..	..	N
*2660	Doerfel Mts.	-200 to -430	$\Lambda\Lambda$	..	..	Schr;M(Leibnitz Mts.)
2661	Doer. $\alpha$	-325 -948	$\Lambda$	..	..	N(M, Ba. $\xi$ )
2662	.. $\beta$	-290 -960	$\Lambda$	..	..	N
2663	.. $\gamma$	-360 -932	$\Lambda$	..	..	N(M, Ba. $\epsilon$ )
2664	.. $\delta$	-430 -907	$\Lambda$	..	..	N
<u>2665</u>	Legentil	-233 -965	O 37	..	..	Schr.
2666	Legel. A	-209 -965	O 19	706	1047	N(a);M(Wils.a)
2666a	.. G	-267 -951	10	..	1052	Fr(g)
<u>2667</u>	Wilson	-238 -936	O 32	..	..	Schr.
2668	Wils. A	-258 -947	8	..	1051	N
2669	.. C	-220 -951	15	674	1049	N(c)
2669a	.. F	-213 -942	8	701	..	Com.
2670	Legel. D	-242 -957	5	..	..	M(Wils.d)
2671	Wils. E	-246 -954	15	..	1050	M(e)
2672	.. $\alpha$	-225 -935	$\Lambda$	..	..	M
2674	Legel. $\beta$	-255 -963	$\Lambda$	..	..	M(Wils. $\beta$ )
<u>2675</u>	Kircher	-277 -917	O 40	..	..	Ric.
2676	Kirer. A	-274 -911	16	..	..	M(a)
2677	.. B	-288 -907	6	432	956	M(b)
2677a	.. E	-274 -934	$\phi$ 10	..	957	Fr.
2678	.. D	-290 -923	$\phi$ 20	..	..	M(d)
*2679	.. F	-252 -912	5	..	..	M(f)
*2679a	.. C	-239 -918	4	612	..	Com.
2680	.. $\alpha$	SW	$\Lambda$	..	..	M
2681	.. $\epsilon$	EW	$\Lambda$	..	..	N
<u>2682</u>	Bettinus	-316 -895	O 38	362	..	Ric.
2683	Bet. A	-319 -906	15	..	830	M(a)
2684	.. B	-346 -896	$\phi$ 16	..	..	M(b)
2684a	.. D	-306 -906	6	..	831	Fr.
2685	.. C	-276 -893	13	..	..	M(c)

2660 SSE limb.

2679 Is the N one of a row; 2679a is in same row.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2686	Bet. $\alpha$	Sw	A	..	..	M
2687	.. $\beta$	-311 -912	A	..	..	M
2688	.. $\gamma$	-317 -893	A	..	829	M( $\Gamma$ )
2689	.. $\delta$	-294 -886	A	..	..	M
2690	.. $\epsilon$	-308 -874	A	..	..	M
2691	.. $\zeta$	-332 -910	A	..	..	M
<u>2693</u>	Scheiner	-230 -870	$\phi$ 56	..	..	Ric.
2694	Schel. A	-232 -868	7	633	1017	M
2695	.. B	-276 -862	17	..	..	M
2696	.. C	-255 -866	8	560	..	M(c);N(f)
2696a	.. H	-254 -831	3	563	..	Com.
*2696b	.. J	-241 -861	$\infty$ 4	608	..	Com.
*2697	.. F	-232 -836	3	632	..	[M(f)]
2697a	.. K	-232 -848	3	635	..	Com.
2698	.. D	-261 -874	8	..	..	M(d)
2698a	.. L	-235 -912	3	623	..	Com.
2698b	.. M	-226 -911	4	657	..	Com.
2699	.. E	-219 -895	10	..	..	M(e)
2699a	.. G	-218 -888	7	681	1018	Fr.
2700	.. $\alpha$	SSW	A	..	..	M
2701	.. $\beta$	SWW 2698	A	..	..	M
2702	.. $\gamma$	NW	A	..	..	M
2703	.. $\delta$	-244 -891	AA	..	..	M
2704	.. $\epsilon$	-210 -902	A	..	..	M
2705	.. $\eta$	-220 -870	AA	..	..	N(2nd. $\epsilon$ )
<u>2706</u>	Longomontanus	-248 -761	$\phi$ 80	..	..	Ric.
2707	Long. A	-246 -798	15	591	..	M
2707a	.. U	-231 -787	3	640	..	Com.
2708	.. B	-213 -797	$\phi$ 24	..	..	M(b)
2708a	.. E	-193 -781	4	762	..	Com.
2708b	.. Q	-216 -788	5	694	..	Com.
2709	.. C	-194 -803	16	760	..	M(c)

2696b Co-ordinates of E crater.

2697 This is not actually M's f, but a crater within it.  
It is said to be in Long. d, in Sa's catalogue.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2709a	Long. X	-183 -798	3	790	..	Com.
2710	.. D	-220 -808	φ 30	..	..	M(d)
<u>2711</u>	Brown	-212 -729	φ 20	..	..	Com;M(Long.e)
2711a	Brown A	-199 -745	8	742	..	Com.
2711b	.. B	-197 -703	6	750	..	Com.
2711c	.. C	-197 -738	7	751	..	Com.
2711d	.. D	-193 -720	10	761	..	Com.
2712	Long. F	-270 -745	0 16	..	..	M(f)
2712a	.. J	-259 -765	3	544	..	Com.
*2713	Clav. G	-148 -788	10	889	852	M
2714	.. H	-168 -785	0 20	..	..	M(h)
2715	Long. K	-237 -739	12	..	..	S(C)
2716	.. L	-262 -754	9	534	..	G;S(D)
2716a	.. M	-260 -748	6	541	..	G
2716b	.. G	-209 -751	9	709	982	Fr(k)
2716c	.. N	-275 -776	5	484	..	Com.
2716d	.. R	-269 -792	3	498	..	Com.
2716e	.. S	-268 -736	6	508	..	Com.
2716f	.. T	-264 -729	3	522	..	Com.(SE of two)
2716g	.. W	-247 -733	5	584	..	Com.
2717	.. α	Ww	Λ	..	..	M
2717a	.. ε	SEw	Λ	..	..	S(b)
2718	.. β	SWw	Λ	..	..	M
2718a	.. ζ	nW 2717a	Λ	..	..	S(c)
2719	.. γ	nSW 2715	Λ	..	..	M
2719a	.. θ	E 2716	Λ	..	..	S(g)
2720a	.. η	-246 -757	Λ	586	..	Com.
2720b	.. κ	-229 -761	Λ	648	..	Com.
<u>2721</u>	Wilhelm I	-257 -683	φ 58	..	..	Ric.
2722	Wilh. A	-266 -703	12	516	1040	M
2723	.. B	-281 -688	9	466	1041	M
2724	.. C	-250 -664	10	576	1042	M

2713 Called Clavius h in Sa's Catalogue.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2724a	Wilh. T	-268 -659	4	504	..	Com.
2725	.. D	-227 -667	16	653	..	M(d)
2725a	.. U	-262 -661	3	532	..	Com.
2726	.. E	-221 -697	8	671	1046	M;Fr(r)
2726a	.. O	-216 -684	0 11	695	1043	G(J);Fr(E)
2727	Lagalla F	-307 -701	0 17	..	..	M(f)
2727a	.. P	-291 -709	6	425	..	Com.
2727b	Wilh. W	-255 -676	3	559	..	Com.(SW of two)
2727c	.. Z	-246 -705	4	589	..	Com.
2728	.. G	-321 -678	10	..	..	M(g)
2729	.. K	-264 -696	φ 15	..	..	S(a)
2729a	Montanari	-247 -717	0 40	..	..	Fauth
2730	Monta. D	-262 -718	13	528	..	S(d)
<u>2731</u>	Lagalla	-281 -700	φ 38	..	..	Fauth;N(Wilh.h)
2732	Lagal. J	-295 -722	12	..	..	N(Wilh.i)
2732a	.. M	-298 -727	4	407	..	Com.
2732b	Wilh. R	-280 -660	4	469	..	Com.
2732c	.. S	-276 -666	6	477	..	Com.
2732d	.. Q	-230 -684	4	642	..	Com.
2732e	.. N	-229 -692	4	644	..	Com.
2733	Lagal. β	SEW	Λ	..	..	M
2734	Wilh. γ	NW	Λ	..	..	M
2735	.. α	nSE 2734	Λ	..	..	N(s)
2736	.. δ	-311 -672	Λ	..	..	M
<u>2737</u>	Heinsius	-234 -635	φ 28	..	..	Schr.
2738	Heins. A	-231 -638	11	636	61	M(a)
2739	.. B	-245 -643	11	..	..	M(b)
2740	.. C	-233 -651	12	..	..	M(c)
2740a	.. D	-275 -626	4	481	..	Com.
2740b	.. E	-264 -613	10	524	..	Com.
2740c	.. F	-256 -650	4	557	..	Com.
2740d	.. H	-252 -608	4	570	..	Com.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2740e	Heins. K	-248 -623	3	582	..	Com.
2740f	.. L	-237 -659	4	615	..	Com.
2740g	.. M	-199 -655	7	744	..	Com.
2741	.. a	Ww	A	..	..	N
2742	.. γ	-268 -635	AA	..	..	M(a)
2743	.. β	-230 -610	A	..	..	M
<u>2744</u>	Gauricus	-182 -658	38	..	..	Ric.
2744a	Gaur. K	-201 -549	3	738	..	Com.
2744b	.. L	-198 -559	2	746	..	Com.
2744c	.. M	-194 -565	3	756	..	Com.
2744d	.. N	-185 -536	4	784	..	Com.
2745	.. A	-191 -582	20	..	..	M(a)
2745a	.. R	-188 -571	4	776	..	Com.
2746	.. B	-176 -577	0 12	..	..	M(b)
2746a	.. P	-176 -574	3	810	..	Com.
2747	.. C	-153 -578	8	..	..	M(c)
2748	.. D	-162 -576	7	848	888	N(d)
*2749	.. E	-173 -538	4	819	..	N(e)
*2749a	.. J	-175 -535	5	816	..	Com.
2750	.. H	-181 -618	5	798	..	M(d)
2750a	.. F	-184 -545	φ 10	..	..	G
2750b	.. G	-159 -559	10	855	..	G(D)
2751	.. 8	NWw	A	..	..	N
<u>2752</u>	Wurzelbauer	-232 -556	0 47	..	..	Schr.
2752a	Wurz. G	-262 -568	5	531	..	Com.
2752b	.. H	-241 -578	4	604	..	Com.
*2752c	.. L	-251 -571	4	572	..	Com.
2752d	.. M	-233 -531	3	629	..	Com.
*2752e	.. N	-216 -538	5	691	..	Com.
2754	.. A	-215 -584	8	699	1053	N(a)
2754a	.. O	-204 -586	4	726	..	Com.
2755	.. B	-206 +574	0 12	..	..	M(b)

2749, 2749a Form the S and N parts of a confluent pair.

2752c Is N one of triangle; 2752e is mid. of 3.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
*2755a	Wurz. P	-201 -575	4	736	..	Com.
2756	.. D	-243 -592	0 20	599	..	M(d)
2756a	.. E	-240 -583	6	610	..	G
2756b	.. O	-212 -574	5	702	..	G
2756c	.. F	-252 -586	5	569	..	G
2757	.. $\alpha$	Ww	AA	..	..	M
2758-9	.. $\beta$	E ct	AA	..	..	M
<u>2760</u>	Cichus	-302 -548	20	..	..	Ric.
2760a	Cich. K	-274 -596	3	485	..	Com.
2761	.. A	-300 -571	10	398	..	M(a)
2762	.. B	-277 -547	9	475	847	M
2763	.. C	-310 -553	6	379	848	M
2763a	.. H	-321 -541	3	352	..	Com.
2764	.. G	-326 -578	0 14	..	..	M(d)
2764a	.. F	-310 -583	4	378	..	Com.
2765	Weiss D	-299 -510	5	400	849	M
2766	.. E	-281 -516	9	462	..	M(Cich.e)
2766a	.. A	-275 -509	2	483	..	Com.
2768	Cich. J	-308 -530	0 8	383	..	N(i)
2769	.. N	-318 -508	4	359	..	N(n)
<u>2769a</u>	Weiss	-285 -530	$\phi$ 30	..	..	Kr;G(P)
2770	Cich. $\alpha$	-293 -582	AA	..	..	M
2771	.. $\beta$	-300 -526	AA	..	..	M
2772	.. $\gamma$	Ew 2768	A	..	..	M
2773	.. $\epsilon$	-320 -518	AA	..	..	N
2774	.. $\rho$	-311 -508	AA	..	..	N
2775	.. R	Nw 2768	//	..	..	S(r)
<u>2776</u>	Hesiodus	-245 -490	0 24	..	..	M
2777	Hes. A	-253 -501	8	568	64	M
2778	.. B	-267 -456	6	512	943	M; Lamèch(Roy)
2779a	.. E	-233 -467	2	630	..	Com.
2780a	.. D	-245 -490	3	594	..	G

2755a Is NW part of pair.



CL.No.	Designation	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2781	Hes. $\alpha$	out Nw 2777	$\Lambda\Lambda$	..	..	N
2782	.. $\gamma$	NWw	$\Lambda\Lambda$	..	..	N
2782a	.. $\mu$	-263 -440	$\Lambda\Lambda$	..	..	G(M)
*2783	.. Ir	N 2766	/	..	..	N( $\phi$ );S( $\delta$ and r)
<u>2784</u>	Pitatus	-203 -498	0 54	..	..	Ric.
2784a	Pita. A	-194 -521	3	757	..	Com.
2786	.. B	-157 -534	0 13	..	..	M(b)
2787	.. C	-189 -476	6	772	..	M
2788	.. D	-178 -513	5	807	..	N(d)
2790	.. F	-170 -474	3	823	..	N(f)
2791	.. G	-171 -497	0 9	821	..	N(g)
2791a	.. K	-133 -506	3	932	..	Com.
2791b	.. L	-131 -486	3	940	..	Com.
2792	.. H	-232 -509	8	631	..	N(h)
2792a	.. J	-209 -446	3	708	..	Com.
2794	.. $\alpha$	nNE ct	$\Lambda\Lambda$	..	..	M( <u>A</u> )
2795	.. $\beta$	NEw	$\Lambda\Lambda$	..	..	N
2796	.. $\gamma$	Ww 2776	$\Lambda$	..	..	N
*2797	.. $\epsilon$	-154 -488	$\Lambda$	..	..	S(n)
2798	.. Ir	Inner NWw	\	..	..	N( $\xi$ );S(r)
2799	.. IIR	Inner NEw	/	..	..	N( $\phi$ );S(r)
2800	.. IIIr	Inner SWw	/	..	..	N( $\psi$ )
<u>2801</u>	Mare Nubium	-300 -300	+	..	..	Ric.
<u>2802</u>	Kies	-344 -443	0 26	..	..	Schr.
2803	.. A	-340 -474	10	308	954	M
2804	.. B	-326 -481	5	341	955	M(b)
2805	.. C	-395 -439	3	210	..	M
2806	.. D	-287 -421	3	434	..	M
2806a	.. E	-339 -481 Sw 2803	4	310	..	Com.
2807	.. $\alpha$	SEw	$\Lambda$	..	..	M
2808	.. $\beta$	out Sw	$\Lambda$	..	..	N
2809	.. Ir	nE 2804		..	..	N( $\xi$ )

2783 Forms part of 2553.

2797 N gives E in map and Hell  $\epsilon$  in text.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2810	Kies IIR	nE 2808		..	..	N( $\phi$ )
2811	.. IIIr	nS 2803		..	..	N( $\psi$ )
2812	.. $\delta$	-332 -494	A	..	..	S
<u>2813</u>	Bullialdus	-354 -350	29	..	..	Ric.
2814	Bull. A	-339 -377	12	..	..	M
2815	.. B	-342 -397	12	305	..	M
2815a	.. E	-377 -370	2	231	..	Com.
2815b	.. G	-368 -394	2	245	..	Com.
2815c	.. H	-305 -386	3	389	..	Com.
<u>2816</u>	König	-380 -410	13	226	..	Mül;M(Bull.C)
2818	Opelt(2852)E	-293 -293	4	417	834	M(Bull.e)
2819	Bull. F	-388 -388	3	215	..	M
<u>2819a</u>	Gould	-280 -328	$\phi$ 20	..	..	Kr;G(C)
2819b	.. P	-270 -322	4	494	..	G
2819c	.. A	-276 -329	2	478	..	Com.
2819d	.. B	-296 -350	2	409	..	Com.
2820	Bull. $\alpha$	Ww	A	..	..	M
2821	.. $\beta$	ct	A	..	..	M( <u>B</u> )
2822	Gould $\gamma$	Ew	A	..	..	M(Bull. $\gamma$ )
2826	Bull. $\epsilon$	Ew	A	..	..	N
2828	Gould Ir	-286 -344	/	..	..	N(Bull. $\phi$ )
<u>2829</u>	Lubiniezky	-385 -308	$\phi$ 24	..	..	Schr.
2830	Lubin. A	-416 -281	$\phi$ 18	..	..	M(a)
<u>2831</u>	Darney	-387 -252	8	217	81	Lamèch;M(Lubin.B)
*2832	Darn. C	-425 -244	8	179	985	M(Lubin.C)
2832a	.. D	-439 -251	3	156	..	Com.
2832b	.. E	-419 -215	3	192	..	Com.
2833	Lubin. D	-382 -284	4	224	986	M
2834	.. E	-442 -285	$\phi$ 20	..	..	M(e)
2835	.. F	-352 -314	4	281	987	M
2836	.. G	-333 -264	2	323	..	M
2837	.. H	-345 -292	3	300	..	M

2832 Called Pierot by Lamèch.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2838	Darn. J	-354 -248	4	276	988	M(Lubin.i)
2838a	.. a	-387 -231	A	216	..	Com.
2839	Opelt K	-285 -235	3	447	..	M(Lubin.k)
2839a	.. F	-305 -310	2	388	..	Com.
2840	Lubin. a	-329 -239	AA	..	..	M(A)
2841	Opelt a	-300 -228	A	..	..	S(Lubin.A)
2844	Darn. s	-346 -232	AA	..	..	M
2845	Opelt e	NEw	A	..	..	M(Lubin.e)
2846	Lubin. c	Ww	A	..	..	M
2847	.. μ	-410 -320	A	..	..	M
2848	Opelt ρ	-293 -218	A	..	..	N(Lubin.ρ)
2849	Lubin. v	-406 -318	A	..	..	S(m)
2851	Opelt Ir	E 2839		..	..	N(φ);S(r)
*2852	Opelt	-292 -281	28	..	..	S
2853	Guericke	-239 -200	0 38	..	..	M
2854	Guer. A	-291 -193	3	427	..	M
2855	.. B	-255 -251	10	562	56	M
2855a	.. G	-251 -242	3	574	..	Com.
*2855b	.. L	-215 -245	2	700	..	Com.
2856	.. O	-196 -200	6	753	57	Com.
2857	.. F	-257 -214	φ 11	..	..	N(d)
2858	.. D	-246 -208	4	588	897	N
2858a	.. E	-205 -174	2	723	..	N(e)
2858b	.. H	-240 -215	3	609	..	Com.
2858c	.. J	-228 -184	3	652	..	Com.
2858d	.. K	-222 -261	2	667	..	Com.
2859	.. a	NNWw	A	..	..	M(A)
2860	.. β	Sw	A	..	..	M(B)
2862	.. s	SEw	AA	..	..	N;S(a)
2863	.. ε	-239 -228	A	..	..	M
2864	.. κ	-236 -170	A	..	..	N
2865	.. λ	-242 -176	A	..	..	N(Parry λ)

2852 Called Keeler by Krieger.

2855b Bright spot.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2866	Guer. $\mu$	-264 -229	A	..	..	N
<u>2867</u>	Bonpland	-293 -147	38	..	..	M
2868	Bonp. Ir	nW ct		..	..	N( $\phi$ );S(r)
2869	.. IIr	NE 2880		..	..	N( $\zeta$ )
2873	.. C	-295 -177	3	413	..	N(c)
2874	.. D	-308 -176	4	382	..	N(d)
2874a	.. E	-379 -169	4	229	..	Com.
2874b	.. F	-328 -127	2	333	..	Com.
2874c	.. G	-315 -201	2	364	..	Com.
2875	.. $\alpha$	NWw	A	..	..	N
2877	.. $\gamma$	-346 -165	A	297	..	M
<u>2879</u>	Parry	-268 -135	0 26	..	..	M
2880	Pay. A	-271 -165	8	492	105	M
2881	.. B	-222 -155	3	663	..	Com.
2882	.. C	-218 -119	2	683	..	M(c)
2882a	.. E	-278 -146	4	474	..	Com.
2882b	.. F	-252 -133	2	571	..	Com.
2883	.. D	-265 -137	2	..	..	N(d)
2883a	.. M	-247 -155	$\phi$ 16	..	..	G
2884	.. $\alpha$	-268 -118	A	..	..	M( <u>A</u> )
2885	.. $\beta$	Ew	A	..	..	M( <u>B</u> )
2886	.. $\gamma$	Ww	A	..	..	M
2887	.. $\delta$	Sw	A	..	..	M
2888	.. $\epsilon$	E 2887	A	..	..	M
2889	.. $\zeta$	Ww 2883a	AA	..	..	M
2890	.. $\kappa$	out NWw	A	..	..	M(k)
2892	.. $\mu$	Ew 2883a	AA	..	..	M
2893	.. $\xi$	Inner Nw	A	..	..	M
2894	.. Ir	Inner Ew		..	..	N( $\phi$ );S(r)
2895	.. IIr	Inner SWw	/	..	..	S(r)
2896	.. IIIr	Thro' 2880		..	..	S(r)
<u>2897</u>	Fra Mauro	-290 -105	$\phi$ 54	..	..	M

OL.No.	Designation.	Co-ords.	Diam.	Sa.No.	FFr.No.	Authority.
2898	Fr. Ma. A	-355 - 95	6	273	882	M
2898a	.. C	-367 - 95	4	248	..	G
2899	.. B	-368 - 70	4	243	..	M
2900	.. E	-287 -104	3	436	..	N(a)
2900a	.. F	-289 -117	2	429	..	Com.
2901	.. D	-301 - 84	3	397	..	N(b)
2901a	.. G	-281 - 39	3	464	..	Com.
*2901b	.. H	-267 - 72	3	513	..	Com.
2902	.. α	NWw	Λ	..	..	M( <u>A</u> )
2903	.. β	WSWw	Λ	..	..	M
2904	.. γ	N 2903	Λ	..	..	M
2906	.. ε	-340 - 80	ΛΛ	..	..	M
2907	.. ζ	-260 - 65	ΛΛ	..	..	M
*2907a	.. δ	-241 - 48	Λ	605	..	Com.
2908	.. η	-266 - 40	ΛΛ	..	..	M( <u>H</u> )
2909	Lal. η	-228 - 90	ΛΛ	..	..	M
2911	Fr. Ma. θ	-280 - 45	Λ	..	..	M
2913	.. κ	-257 - 86	Λ	..	..	N
2914	.. ρ	Sw:E 2875	Λ	..	..	N(γ, map)
2915	.. σ	-360 -125	Λ	..	..	N(Σ)
2915a	.. λ	-357 - 66	Λ	264	..	Com.
*2915b	.. μ	-357 -143	Λ	{ 265 270	..	Com.
2915c	.. ν	-355 - 43	Λ	274	..	Com.
2915d	.. ο	-351 -101	Λ	284	..	Com.
2915e	.. τ	-349 - 91	Λ	290	..	Com.
<u>2917</u>	Lalande	-149 - 78	15	888	73	Lo.
*2918	Lal. A	-169 -115	7	826	74	M
2919	.. B	-156 - 55	5	866	967	M(b)
2919a	.. G	-137 -108	2	926	..	Com.
2920	.. C	-119 - 97	6	977	75	M(c);G(D);Fr(D)
2920a	.. N	- 99 - 97	4	1042	..	Com.
*2921	.. D	-129 -108	4	952	..	M;G(F)

2901b and 2907a, each SE one of two.

2915b Bright spot and hill. 2918 Named Rodes by Lamèch.

2921 S of two.

GL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2921a	Turner H	-224 - 49	2	660	..	Com.
<u>2922</u>	Turner	-228 - 24	7	649	51	Lam;M(Lal.E)
2922a	.. L	-217 - 60	3	687	..	Com.
2923	.. F	-243 - 28	4	600	625	M(Lal.f)
2923a	.. K	-231 - 67	2	638	..	Com.
2923b	.. M	-204 - 74	2	729	..	Com.
2924	Lal. $\alpha$	Sw	A	..	..	M
2925	.. $\beta$	-116 - 80	A	..	..	M
2926	.. $\gamma$	-136 -112	A	..	..	M
2927	.. $\delta$	-166 - 86	A	..	..	M
2928	.. $\epsilon$	-200 - 30	A	..	..	M
2929	Palisa $\epsilon$	-140 -126	A	..	..	M(Lal. $\epsilon$ )
2931	Lal. $\iota$	-184 -126	A	..	..	N(I);S(p)
* <u>2932</u>	Mösting	-102 - 12	15	1033	99	M
2933	Möstg. A	- 90 - 56	7	1068	100	M
2934	.. B	-128 - 47	4	959	994	M(b)
2935	.. C	-140 - 31	2	913	101	M(c)
2936	.. M	- 77 - 23	$\phi$ 22	..	..	N(m)
2936a	.. D	- 89 - 6	4	1073	..	Com.
2937	.. $\alpha$	NNWw	A	..	..	M
2938	.. $\beta$	Ew 2936	A	..	..	M
2939	.. $\gamma$	- 98 - 36	A	..	..	M
2940	.. $\delta$	-140 - 18	A	..	..	M
2941	.. $\kappa$	SSWw 2936	A	..	..	N
2943	.. Ir	fr NWw 2950	—	..	..	N( $\phi$ );S(r)
<u>2944</u>	Herschel	- 36 - 99	23	1242	..	Lo.
<u>2945</u>	Spörer	- 30 - 74	$\phi$ 14	..	..	Kr;M(a)
2945a	Spör. A	- 36 - 60	3	1244	..	Com.
2947	Hersal. C	-55 - 87	6	1179	63	M(c)
2948	.. D	- 70 - 94	$\phi$ 12	..	..	M(d)
2949	.. E	Ew 2952	\	..	..	N(e)
2949a	.. F	- 76 -101	3	1111	..	Com.

2932 Named Moestlin by Sch. (See 1542b)

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2949b	Hersl. J	- 74 -111	3	1121	..	Com.
2949c	.. H	- 59 -110	3	1160	..	Com.
<u>2950</u>	Flammarion	- 70 - 52	0 42	..	..	Gaud;N(f)
2950a	Flam. A	- 43 - 34	4	1214	102	Fr(Möst. 8)
2950b	.. B	- 79 - 70	3	1105	..	Com.
2950c	.. C	- 65 - 35	2	1141	..	Com.
2950d	.. D	- 83 - 53	3	1093	..	Com.
<u>2951</u>	Oppolzer	- 6 - 26	φ 23	..	..	Kr;N(Hersl.g)
2951a	Oppol. A	- 6 - 8	2	1331	..	Kr.
<u>2952</u>	Gylden	+ 3 - 92	0 24	..	..	Kr;N(Hersl.h)
2953	Hersl. N	- 19 - 87	φ 10	..	..	N(n);G(D)
2953a	.. G	- 41 -113	7	1225	..	G(B)
2954	.. α	Ww	Λ	..	..	M
2955	.. β	Ew	Λ	..	..	M
2956	Ptol. β	- 76 -105	Λ	..	..	M
2957	Flam. γ	Ww	Λ	..	..	M(Hersl.γ)
2958	.. δ	NWw	Λ	..	..	M(Hersl.δ)
2959	Oppol. ζ	SEw	Λ	..	..	M(Hersl.ζ)
2960	Flam. ι	Nw	Λ	..	..	N(Hersl.ι)
2961	Oppol. Ir	In NE	/	..	..	N(φ)
<u>2962</u>	Ptolemaeus	- 48 -158	0 86	..	..	Ric.
2963	Ptol. A	- 14 -148	5	1306	118	M
2964	.. B	- 12 -138	12	1315	..	M(b)
*2965	.. C	- 54 -175	3	1184	..	M(c)
2966	.. D	- 44 -144	3	1209	..	M(d)
2966a	.. O	- 62 -126	3	1153	..	Com.
2967	.. E	nW 3010	∥	..	..	N(e)
2969	.. G	+ 1 -125	4	1355	..	N(g)
2970	.. M	- 58 -163	2	1163	..	N(m)
*2970a	.. H	- 94 -124	4	1058	..	Com.
2970b	.. J	- 92 -167	3	1062	..	Com.
2970c	.. K	- 80 -143	4	1097	..	Com.

2965 Bright spot with crater on E end.

2970a Mid. one of three.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
2970d	Ptol. L	- 69 -154	2	1132	..	Com.
2970e	.. P	- 54 -197	3	1186	..	Com.
2970f	.. R	- 20 -116	4	1294	..	Com.
2970g	.. S	- 6 -183	2	1327	..	Com.
2970h	.. T	+ 0 -130	4	1353	..	Com.
2970i	.. U	+ 2 -181	3	1357	..	Com.
2970k	.. X	+ 6 -191	4	1371	..	Com.
2970l	.. Y	+ 13 -162	3	1396	..	Com.
2972	.. α	E 2965	ΛΛ	..	..	M
2973	.. γ	SW 2966a	ΛΛ	..	..	M
2974	.. δ	SE 2966a	ΛΛ	..	..	M
2975	.. η	WNW 2963	ΛΛ	..	..	M
2976	.. ε	SW	ΛΛ	..	..	M
2977	Davy ε	NWw 3010	Λ	..	..	M(2nd.ε)
2978	Ptol. κ	NW 2970l	ΛΛ	..	..	S(c)
2979	.. λ	W 2970c	ΛΛ	..	..	N
2980	.. μ	SSE 2953a	ΛΛ	..	..	N
2981	.. ρ	SE 2965	ΛΛ	..	..	N;S(β)
2982	.. ζ	W 2963	Λ	..	..	S
2983	.. θ	SW 2970l	ΛΛ	..	..	S
2983a	.. ν	nNE 2970k	ΛΛ	..	..	S(d)
2984	.. Ir	In E	\	..	..	N(φ)
<u>2986</u>	Alphonsus	- 48 -233	32	..	..	Ric.
2987	Alph. A	- 38 -266	2	1235	..	M(a)
2987a	.. G	- 57 -213	2	1168	..	Com.
2989	.. O	- 81 -248	0 4	..	..	M
2990	.. D	- 14 -260	0 12	..	..	N(d)
2991	.. E	W 2990	\	..	..	N(e)
2992	.. F	S 2987	\	..	..	N(f)
2992a	.. H	- 8 -269	4	1328	..	Com.
*2993	.. O	- 23 -233	5	..	..	N
*2994	.. P	- 70 -228	9	..	..	N;G(D)

2993 and 2994 Dark patches.



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Au
*2994a	Alph. R	- 28 -248	7	..	..	G(B)
*2994b	.. S	- 30 -218	6	..	..	G(C)
2995	.. α	- 46 -231	Λ	..	8	M( <u>A</u> )
2996	.. β	Ew	ΛΛ	..	..	M
2996a	.. ζ	- 92 -250	Λ	1063	..	Com.
2997	.. γ	NWw	ΛΛ	..	..	M
2998	.. δ	+ 8 -230	ΛΛ	..	..	M
2999	.. ε	- 8 -237	ΛΛ	..	..	M( <u>E</u> )
3001	.. Ir	Inner Ww		..	..	N( <u>q</u> );S(r)
<u>3003</u>	Davy	-138 -204	20	..	..	M
*3003a	.. C	-119 -194	2	980	..	Com.
3004	.. A	-131 -211	8	941	35	M
3005	.. B	-152 -189	4	877	..	M(b)
<u>3006</u>	Palisa	-125 -165	φ 14	..	..	Kr;M(Davy c)
*3006a	.. A	-115 -157	3	992	..	Com.
3007	.. E	-100 -128	φ 12	..	..	M(Davy e)
3007a	.. C	-111 -134	4	1006	..	Com.
3008a	.. D	-118 -151	4	982	..	Com.
3008b	.. T	-142 -143	6	..	..	G
*3010	Davy G	- 87 -180	8 7	1077	..	M(g)
3011	Palisa P	-126 -168	3	966	..	N(p)
3011a	Davy Y	-124 -190	φ 40	..	..	G
3012	.. α	Nw	ΛΛ	..	..	M
3013	.. β	Ww	ΛΛ	..	..	M
3014	.. γ	Ww 3011a	ΛΛ	..	..	M
3015	.. ζ	W 3005	Λ	..	..	N
3016	.. λ	Ew	ΛΛ	..	..	N
3017	.. μ	-142 -174	Λ	..	..	N
3020	.. Ir	Thro' 3011a	—	..	..	S(r)
<u>3021</u>	Lassell	-132 -267	13	937	..	Birt;M(Alpe.a)
3022	Las. E	-168 -312	3	829	..	M(Alpe.e)
3023	.. F	-206 -294	3	720	..	M(Alpe.f)

2994a and b Dark patches.

3003a East crater of two in 3011a.

3008a In SWw of Ne's e (CL 3008), which is ill-bordered.

3006a and 3010 N of two craters.

GL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
*3024	Las. A	-116 -287	4	..	..	N(a)
3025	.. B	-128 -279	2	961	..	N(b)
<u>3027</u>	Alpetragius	- 75 -276	23	1114	..	Ric.
3028	Alpe. B	-115 -261	6	994	807	M
*3028a	.. C	-104 -237	2	1026	..	Com.
3029	Las. C	-157 -253	5	863	..	M(Alpe.C)
3029a	.. G	-151 -256	4	882	..	Com.
*3030	.. D	-175 -251	5	814	..	M(Alpe.d)
3030a	.. H	-189 -250	3	775	..	Com.
3031	Alpe. G	-108 -312	7	1013	..	N
3031a	.. H	-100 -308	3	1038	..	Com.
3031b	.. J	- 94 -309	2	1059	..	Com.
3032	.. $\alpha$	- 75 -276	A	..	..	M(A)
3033	.. $\beta$	- 92 -308	AA	..	..	M
3034	.. $\gamma$	-105 -303	AA	..	..	M
3035	.. $\delta$	-137 -316	AA	..	..	M
3036	.. $\epsilon$	SWW	A	..	..	M
3037	.. $\zeta$	NWw	A	..	..	M
3038	.. $\eta$	SEw	A	..	..	M
<u>3039</u>	Prom.AEnarium	-133 -320	A	..	..	Hev.
<u>3040</u>	Arzachel	- 35 -316	54	..	..	Ric.
3041	Arz. A	- 24 -309	5	1282	808	M
3042	.. B	- 49 -293	5	1197	..	M(b)
3042a	.. H	- 33 -320	3	1256	..	Com.
3042b	.. K	- 26 -314	2	1276	..	Com.
*3043	.. C	- 61 -300	3	1157	..	Com[N]
3044	.. D	- 34 -346	4	..	..	M(A)
3046	.. E	In SEw	//	..	..	N(e)
3047	.. F	In SWw	//	..	..	N(f)
3048	.. $\alpha$	NWw	A	..	..	M
3049	.. $\beta$	- 10 -288	A	..	..	M(B)
3050	.. $\gamma$	ct	A	..	..	M

3024, 3028a, 3030 Bright spots.

3043 Substituted for Ne's insignificant C,  
which is further South.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3051	Arz. $\zeta$	- 4 -334	AA	..	..	M
3052	.. Ir	W 3041		..	..	N( $\phi$ );S(r)
3053	.. IIr	Inner SWw	/	..	..	N( $\xi$ );S(r)
<u>3055</u>	Nicollet	-200 -373	8	741	141	N
*3056	Nicot. $\beta$	-218 -350	A	682	..	N(a)
3057	.. B	-219 -344	3	677	..	N(b)
*3057a	.. C	-220 -326	36	..	..	Com.
<u>3058</u>	Max Wolf	-260 -388	$\phi$ 20	..	..	Kr;N(c)
3058a	.. .. A	-292 -379	3	420	..	Com.
3059	Nicot. $\alpha$	SE 3022	A	..	..	N
3060	Max Wolf. $\delta$	Nw	A	..	..	N(Nicot. $\delta$ )
3061	.. .. $\epsilon$	-245 -400	A	..	..	N(Nicot. $\epsilon$ )
3062	.. .. $\zeta$	Ew	A	..	..	N(Nicot. $\zeta$ )
<u>3063</u>	Birt	-137 -380	9	921	140	N
3064	.. A	-131 -382	4	939	..	N(a)
3065	.. B	-164 -379	3	840	..	N(b)
3065a	.. D	-159 -359	2	853	..	Com.
3065b	.. E	-156 -353	3	865	..	Com.
<u>3066a</u>	Lippershey	-161 -437	4	850	..	Kr;G(S)
3066b	Lipper. R	-157 -449	3	862	..	G
3066c	.. T	-174 -427	3	818	..	G
3067	Birt $\alpha$	-150 -408	AA	..	..	N
3069	.. Ir	fr 3065b to Ew		..	..	M( $\gamma$ );N( $\phi$ );S( $\gamma$ , r)
<u>3070</u>	Thebit	- 65 -375	O 25	..	..	Ric.
3070a	Theb. C	- 66 -362	3	1136	..	Com.
3071	.. A	- 79 -368	11	1104	139	M
3072	.. D	-135 -338	3	930	1028	M
*3072a	.. B	-100 -379	2	1037	..	Com.
3073	.. E	- 74 -392	4	1119	..	M
3073a	.. F	- 85 -391	2	1083	..	Com.
3074	.. L	- 85 -367	4	..	..	N(1);S(x)
3074a	.. P	- 88 -403	O 42	..	..	G

3056 Ne's "a" is definitely shown as a hill, not a crater, in photographs.

3057a Dark patch, triangular. 3072a E of two craters.

GL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3075	Theb. α	-113 -410	AA	..	..	M(A)
<u>3076</u>	Straight Wall	-114 -400 to -136 -339	AA	..	..	Elger;M(β)
3077	Theb. ε	NWw	Λ	..	..	M
3078	.. ζ	In SW	Λ	..	..	M
3079	.. η	-102 -350	Λ	..	..	M(H)
3080	.. κ	Nw ct	Λ	..	..	N
3081	.. υ	- 67 -400	AA	..	..	S(n)
<u>3082</u>	Purbach	- 29 -428	0 68	..	..	Ric.
3083	Purb. A	- 30 -440	4	1269	..	M
3083a	.. S	- 35 -458	4	1248	..	Com.
3084	.. B	- 66 -453	10	1140	1007	M
3085	.. C	- 74 -466	0 10	..	..	M(c)
3086	.. D	- 25 -389	6	1281	..	M
3087	.. E	- 11 -369	0 13	1319	..	M(e)
*3088	Regi. C	- 79 -481	4	1101	..	Com.[N(e)]
3089	Purb. F	+ 0 -416	5	1350	..	M
3089a	.. T	- 14 -417	3	1305	..	Com.
*3090	.. G	- 44 -405	0 14	(1211)	..	M(g)
3090a	.. O	- 60 -419	2	1159	..	Com.
3091	.. H	- 89 -430	φ 14	..	..	M(h)
3091a	.. N	- 84 -442	4	1088	..	Com.
3091b	.. P	- 57 -446	3	1167	..	Com.
3091c	.. R	- 50 -446	2	1196	..	Com.
3092	.. K	- 72 -425	4	1125	..	M
3093	.. L	- 77 -423	φ 7	..	..	N(1)
3094a	.. J	- 60 -462	6	1158	..	G
3095	.. α	SWw	AA	..	..	M
3096	.. β	SEw	Λ	..	..	M
3097	.. γ	Ew	Λ	..	..	M
3098	.. δ	S 3081	AA	..	..	M
3099	.. ε	nE 3083	Λ	..	..	N
<u>3100</u>	Regiomontanus	- 20 -475	0 74	..	..	Ric.

3088 Substituted for Ne's valley, which is hardly to be found.

3090 Sa's 1211 is a crater in S ct 3090.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3101	Regi. A	- 10 -470	3	1321	..	M
3102	.. B	- 57 -486	5	1172	..	M
3103	.. E	- 95 -473	4	1054	..	M
3103a	.. H	- 62 -479	3	1154	..	Com.
3103b	.. G	- 55 -473	3	1181	..	Com.
3104	.. F	- 30 -468	φ 6	..	..	N(f)
3104a	.. K	+ 0 -504	3	1345	..	Com.
3104b	.. L	+ 16 -495	3	1405	..	Com.
3105	.. α	NW 3102	Λ	..	..	M
3106	.. β	NW 3468;Sw	Λ	..	..	M
3107	.. γ	- 56 -478	Λ	..	..	M
3108	.. δ	Close W 3101	ΛΛ	..	..	N
*3109	Hell	-114 -535	18	997	..	Schr.
3110	.. A	-121 -558	14	..	..	M
3111	.. B	- 87 -500	φ 11	1078	..	M
3111a	.. J	-104 -495	3	1029	..	Com.
3112	.. C	- 92 -559	0 9	..	..	M
3112a	.. K	- 76 -560	3	1110	..	Com.
*3114	.. G	-115 -505	4	993	..	Com.
*3115	.. Q	- 60 -546	16	..	..	N [Cassini's "cloud"]
3116	.. E	- 88 -567	5	1074	981	N(e)
3118	.. H	fr Nw Lex.	∥	..	..	N(h)
3120	.. α	-146 -524	Λ	..	..	M
3121	.. γ	- 96 -518	Λ	..	..	M
*3123	Lexell	- 58 -581	0 35	1165	..	M
3123a	Lex. K	- 90 -586	5	1066	..	Com.
3123b	.. L	- 85 -588	4	1084	..	Com.
3123c	.. F	- 75 -595	4	1118	..	Com.
3123d	.. G	- 68 -605	5	1133	..	Com.(NE of two)
3123e	.. H	- 67 -595	5	1134	..	Com.
3124	.. A	- 19 -600	19	1297	..	M(a)
3125	.. B	- 47 -605	0 12	1202	..	M

3109 N's Hell ε is No. 2797 (Pitatus ε).

3114 Crater substituted for N's inconspicuous valley β which starts Southward from it. 3115 Bright patch.

3123, 3133 Sa's Nos. 1165 and 985 are ct peaks.

OL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3126	Miller C	- 3 -622	0 22	..	..	M(Lex.c)
3127	Lex. D	- 7 -595	φ 12	..	..	M(d)
3128	.. E	- 5 -605	6	..	..	M(e)
3129	.. α	WNW	Λ	..	..	M
3130	.. β	W 3133a	Λ	..	..	M
3131	.. γ	- 30 -564	Λ	..	..	M
3132	.. δ	nS 3129	Λ	..	..	N
*3133	Ball	-118 -585	0 20	985	..	Birt
3133a	.. E	-113 -595	3	1002	..	Com.
3134	.. A	-135 -572	0 12	..	..	N(a)
3135	.. B	-125 -601	φ 4	..	..	N(b)
3136	.. D	-148 -583	12	..	..	N(d)
3136a	.. F	-117 -601	6	988	..	Com.
3138	.. α	ct 3141	Λ	..	..	N
3139	Sasserides	-130 -633	φ 60	..	..	Ric.
3139a	Sas. B	-149 -636	4	886	..	Com.
3139b	.. H	-146 -632	6	895	..	Com.
3139c	.. J	-128 -644	3	954	..	Com.
3140	.. A	- 96 -642	0 30	..	..	M(a)
3141	Ball C	-122 -611	0 20	..	..	M(Sas.C)
*3142	Sas. D	- 89 -598	5	1070	..	M(d)
3143	.. E	-104 -628	5	1024	..	M(e)
3144	Ball G	-143 -637	0 20	..	..	M(Sas.g)
3144a	Sas. K	-100 -629	4	1040	..	Com.
3144b	.. M	- 96 -615	6	1051	..	Com.
3144c	.. N	- 95 -625	3	1056	..	Com.
*3146	.. L	- 87 -643	3	1075	..	N(1)
3147	.. α	NEW 3140	ΛΛ	..	..	M
3148	.. β	W 3183	ΛΛ	..	..	M
3149	.. γ	NW 3140	ΛΛ	..	..	M
3150	Orontius	- 57 -650	φ 52	..	..	Ric.
3151	Huggins	- 24 -660	φ 35	..	..	S:M(a)

3142 Called Lex. D in Sa's Catalogue.

3146 Within 3140.

OL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3151a	Hug. A	- 29 -650	5	1270	..	Com.
3152	Oro. B	- 41 -641	5	1223	..	M(b)
3152a	.. A	- 34 -630	4	1250	..	Com.
3153	.. C	- 56 -615	8	1174	995	M(c)
3153a	.. E	- 64 -636	3	1147	..	Com.
3154	.. D	- 83 -635	8	1094	996	M(d)
3154a	.. F	- 53 -630	0 28	..	..	G
3155	.. a	Ew 3151	AA	..	..	M
3156	Hug. e	nW ct	AA	..	..	M(Oro.e)
3157	Oro. z	- 53 -656	AA	..	..	M
3158	.. t	SEw	A	..	..	M
3160	.. s	Ww 3140	AA	..	..	N
*3161	Miller	+ 10 -633	0 38	(1386)	..	Birt;M(Nas.a)
<u>3162</u>	Nasireddin	+ 3 -660	0 28	..	..	M
3163	Nas. B	- 17 -638	8	..	..	M(b)
<u>3164</u>	Saussure	- 58 -687	0 35	..	..	M
3164a	Saus. F	- 57 -698	3	1169	..	Com.
3165	.. A	- 6 -692	11	1329	1016	M
3166	.. B	- 51 -671	3	1192	..	M
3167	.. C	- 7 -710	oo 14	..	..	M(c)
3168	.. D	+ 3 -731	11	1360	..	M(d)
3169	.. E	- 28 -699	3	..	..	M(e)
3169a	.. V	- 36 -686	// 25	..	..	G
3172	.. a	NNEw	A	..	..	M
3173	.. b	SEw	AA	..	..	M
3175	.. e	to Ww	AA	..	..	N
<u>3176</u>	Pictet	-100 -690	0 36	..	..	M
3177	Pict. A	- 97 -707	16	1049	..	M(a)
3179	.. C	- 98 -678	4	1044	..	M
3179a	.. F	- 80 -679	5	1099	..	Com.
3180	.. D	-108 -715	14	..	..	N(d)
*3180a	.. E	-108 -662	φ 50	..	..	G(C)

3161 Called Leverrier by Sch., Sa's 1386 is the C.P. Miller A is 3461.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
*3181	Pict. N	-106 -663	3	1017	..	[N(n)]
3181a	.. $\mu$	- 77 -710	A	..	..	G(M)
<u>3182</u>	Tycho	-142 -684	48	†(908)	†(1029)	Ric.
3183	Ty. A	-159 -640	16	†(852)	..	M
3184	.. B	-173 -694	8	820	..	M
*3185	.. C	-169 -699	3	825	..	[M(c)]
3186	.. D	-172 -712	12	..	..	M
3186a	.. H	-192 -710	4	767	..	Com.
3186b	.. K	-174 -709	3	817	..	Com.
3186c	.. P	-167 -712	4	859	..	Com.
3186d	.. J	-195 -675	5	755	..	Com.
3187	.. E	-173 -671	10	..	..	M(e)
3188	Sas. F	-131 -650	8	942	..	M;Sa(Ty.F)
3189	Ty. F	-175 -656	9	..	..	M(f)
3190	Heins(2737) G	-197 -619	5	749	..	M
3190a	.. N	-202 -606	4	733	..	Com.
3190b	.. O	-199 -626	2	743	..	Com.
3190c	Street G	-178 -727	5	806	..	Com.
3190d	.. J	-155 -751	3	870	..	Com.
3190e	.. K	-153 -738	4	871	..	Com.
*3191	.. M	(-162 -742)	0 24	(847)	..	S(Ty.M)
3192	Ty. $\alpha$	SWw	AA	..	..	S(a)
3193	.. $\beta$	NWw	AA	..	..	S
3194	.. $\gamma$	-142 -686	A	908	1029	N(A)
3194a	.. $\delta$	-139 -682	A	917	..	Com.
* <u>3195</u>	Street	(-131 -724)	0 32	(938)	..	Schr.
3195a	Stre. P	-144 -715	3	901	..	Com.
3195b	.. N	-121 -744	4	976	..	Com.
3196	.. A	-107 -731	10	1015	..	M
3197	.. B	-145 -732	8	..	..	M
3198	.. C	-176 -748	6	812	1027	M
3199	.. D	-144 -753	5	902	..	M(d)

3181 Contained in 3180a; it is not actually Neison's "n", but is called so in Sa's Catalogue. †Central peak.

3185 Substituted for M's indistinct c. 3191 Sa.847 is a small crater within 3191 SW ct. 3195 Sa.938 is a small crater within Street NE



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3200	Stre. E	-138 -737	6	918	..	N
3200a	.. F	-190 -746	3	770	..	Com.
3201	.. H	-140 -747	14	916	..	N(h);S(d);G(A)
3201a	.. L	-148 -774	3	890	..	Com.
3202	.. a	Ew	A	..	..	M
<u>3203</u>	Maginus	- 85 -770	Ø110	..	..	Ric.
3204	Magi. A	- 50 -752	8	1194	989	M
3204a	.. Q	- 25 -775	5	1280	..	Com.
3205	.. B	- 68 -792	8	..	..	M
3206	.. C	-108 -783	Ø 30	..	..	M(c)
3206a	.. O	-138 -773	5	919	..	Com.
*3206b	.. P	-129 -774	5	951	..	Com.
3206c	.. X	- 83 -780	3	1090	..	Com.
*3206d	.. J	- 32 -765	4	1259	..	Com.
3206e	.. CA	-130 -790	3	947	..	Com.
3206f	.. CB	-103 -777	4	1030	..	Com.
3207	.. D	- 23 -742	Ø 25	..	..	M(d)
3208	.. E	- 15 -754	Ø 23	..	..	M(e)
3208a	.. S	- 23 -767	11	..	..	N(s)
3208b	.. EA	- 12 -779	4	1314	..	Com.
3208c	.. EB	- 9 -766	4	1326	..	Com.
3209	.. F	- 98 -755	12	..	..	M(f)
3210	.. G	- 94 -748	12	..	..	M(g)
3210a	.. U	- 96 -736	4	1052	..	Com.
3211	.. N	-104 -749	11	1025	..	M(h)
3211a	.. T	- 75 -791	3	1116	..	N(t)
3211b	.. NA	-112 -751	5	1003	..	Com.
3212	.. H	-106 -793	8	1020	85	M
3212a	.. γ	- 98 -786	3	1048	..	N(y)
<u>3213</u>	Proctor	- 67 -724	Ø 40	..	..	Com.(M, 1)
3213a	Proct. A	- 80 -732	3	1098	..	Com.
3213b	.. B	- 80 -725	4	1100	..	Com.

3206b NE of three.

3206d Mid. of three.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3213c	Proct. C	- 77 -739	2	1108	..	Com.
3213d	.. D	- 73 -720	6	1123	..	Com.
*3213e	.. E	- 62 -712	4	1152	..	Com.
3213f	.. F	- 61 -740	3	1155	..	Com.
*3213g	.. G	- 57 -740	4	1171	..	Com.
3213h	.. H	- 31 -716	3	1262	..	Com.
3214	Magi. K	- 44 -736	13	..	..	M(k)
3214a	.. W	- 89 -758	4	1072	..	Com.
3214b	.. V	- 83 -757	4	1089	..	N(v);Sa(u)
3214c	.. R	-119 -753	4	979	..	Com.
3215	.. L	-101 -757	5	1036	..	M
3215a	.. M	-103 -769	5	1032	..	S
3215b	.. Z	- 40 -768	7	1228	..	N(z)
3216	.. a	- 75 -768	A	..	..	M(A)
3216a	.. λ	W 3205	AA	..	..	N
<u>3218</u>	Deluc	- 28 -819	26	(1271)	..	M
3219	.. A	+ 2 -811	0 28	(1356)	..	M(a)
3220	.. B	+ 4 -789	17	..	..	M(b)
3221	.. C	+ 10 -781	15	1385	..	M(c)
3222	.. D	- 23 -832	14	1286	..	M(d)
3222a	.. T	- 30 -828	5	1268	..	Com.
3223	.. E	- 37 -869	6	1240	..	M
3223a	.. L	- 53 -873	3	1187	..	Com.
3224	.. F	- 25 -863	18	..	..	M(f)
*3224a	.. P	- 39 -857	3	1233	..	Com.
*3224b	.. O	- 35 -869	3	1246	..	Com.
3224c	.. Q	- 31 -857	3	1261	..	Com.
3224d	.. U	- 26 -857	2	1278	..	Com.
3225	.. G	+ 6 -878	15	1374	860	M(g)
*3225a	.. W	- 15 -880	3	1304	..	Com.
3225b	.. S	+ 3 -882	3	1358	..	Com.
3225c	.. V	+ 14 -881	4	1402	..	Com.

3213e E of two; 3213g N of three; 3224a N of two;  
 3224b N of four; 3225a SE of two.

In Sa's catalogue, his No. 1259 is called Maginus z.  
 His Nos. 1271 and 1356 are small craters near the  
 centers of 3218 and 3219.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3226	Deluc H	- 21 -810	14	1290	..	M
3227	.. J	- 36 -806	φ 20	..	..	M(i)
3229	.. M	- 58 -819	14	..	..	M(m)
*3230	.. N	+ 4 -871	4	1367	..	Com.
3231	.. 7	Rw 3227	A	..	..	M
<u>3232</u>	Clavius	-140 -850	0 120	..	..	Ric.
<u>3233</u>	Rutherford	-101 -874	0 25	1035	..	Gau;M(a)
3233a	Ruth. A	- 96 -886	5	1053	..	Com.
3233b	.. B	- 91 -888	3	1065	..	Com.
3233c	.. C	- 86 -887	8	1081	..	Com.
3233d	.. D	- 69 -893	3	1129	..	Com.
3233e	.. E	- 66 -889	4	1138	..	Com.
*3234	Clav. B	- 98 -830	24	1047	..	M(b)
3234a	.. BA	-106 -825	4	1018	..	Com.
3234b	.. BB	- 86 -814	5	1079	..	Com.
3235	.. C	-130 -844	12	946	850	M
3235a	.. CA	-137 -840	3	922	..	Com.
3235b	.. CB	-119 -839	4	978	..	Com.
*3236	.. D	-110 -854	15	1009	..	M(d)
3236a	.. DA	-133 -867	2	931	..	Com.
3236b	.. DB	-122 -860	3	974	..	Com.
3237	.. J	-163 -848	6	842	853	M(i)
3237a	.. JA	-167 -856	4	830	..	Com.
*3237b	.. JB	-177 -844	2	808	..	Com.
3238	.. K	-167 -869	11	835	..	M(k)
*3238a	.. E	-137 -783	9	927	851	G(I);Fr(g)
3238b	.. KA	-184 -867	4	786	..	Com.
3238c	.. X	-151 -866	3	881	..	Com.
3239	.. P	- 71 -839	9	..	..	M(K)
3240	.. L	-188 -854	13	777	..	M(l)
3240a	.. F	-212 -823	4	703	..	Com.
3240b	.. LA	-181 -831	4	795	..	Com.

3230 Substituted for M's Clavius n. 3234 Called Draper by Gaudibert. 3236 For Clav. G and H see Nos. 2713, 2714. 3237b NW of two. 3238a Called Clavius G in Sa's Catalogue.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3241	Clav. N	-151 -842	7	878	..	N(n)
3241a	.. O	-155 -837	2	868	..	Com.
3241b	.. W	-155 -827	3	869	..	Com.
3241c	.. Y	-147 -846	4	893	..	Com.
3243	.. T	-127 -869	6	965	..	N(t)
3243a	.. TA	-143 -872	3	906	..	Com.
3243b	.. TB	-124 -865	3	970	..	Com.
3244	.. α	NW 3233	Λ	..	..	M
3245	.. β	nESE 3251	Λ	..	..	N
3246	.. γ	NNW 3241	Λ	..	..	M
3247	.. δ	NE 3241	ΛΛ	..	..	M
3248	.. ε	N 3240	ΛΛ	..	..	M
3248a	.. θ	-123 -855	Λ	973	..	Com.
3249	.. λ	Ww	Λ	..	..	N
3250	.. μ	SE 3239	ΛΛ	..	..	N
3250a	.. ν	SWw 3234	ΛΛ	..	..	N
3251	.. M	-118 -818	0 25	..	..	S(e);G(G)
3251a	.. R	-158 -801	4	856	..	Com.
3251b	.. MA	-140 -827	3	915	..	Com.
3251c	.. MB	-133 -822	2	933	..	Com.
3251d	.. MC	-104 -817	5	1027	..	Com.
*3252	.. ζ	-108 -865	ΛΛ	..	..	S(z)
<u>3254</u>	Blancanus	-163 -894	0 57	..	..	Ric.
3255	Blaca. A	-159 -902	4	..	..	M
3255a	.. H	-165 -910	3	837	..	Com.
3256	.. B	-189 -932	17	773	1048	M(b)
3257	.. C	-187 -917	22	778	..	M(c)
3257a	.. F	-193 -907	4	763	..	Com.
3257b	.. G	-191 -892	4	768	..	Com.
3257c	.. K	-194 -871	8	759	..	Com.
3258	.. D	-128 -893	13	956	..	M(d)
3258a	.. J	-143 -884	4	903	..	Com.

3252 Perhaps a dark patch.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
*3259	Blaca. E	-150 -917	0 20	..	..	M(e)
3260	.. $\alpha$	NWw	AA	..	..	M
3261	.. $\gamma$	Ew	AA	..	..	M;N( $\beta$ )
3262	.. $\beta$	NEw	AA	..	..	M
<u>3263</u>	Gruemberger	- 76 -920	$\phi$ 50	...	..	Schr.
3263a	Grum. C	-108 -912	5	1014	..	Com.
3264	.. A	- 79 -922	10	1102	896	M
3264a	.. D	- 93 -929	2	1061	..	Com.
3265	.. B	- 68 -902	16	..	..	M(b)
3265a	.. E	- 55 -896	4	1176	..	Com.
*3265b	.. F	- 50 -890	3	1196	..	Com.
3266	.. $\alpha$	Ww	A	..	..	M
<u>3267</u>	Cysatus	- 43 -914	$\phi$ 29	1215	857	Ric.
3268	Cys. A	- 6 -901	8	1332	858	M
3269	.. B	- 13 -911	3	1311	..	M(b)
3270	.. C	+ 6 -896	0 14	..	..	M(c)
3270a	.. J	+ 6 -891	4	1373	..	Com.
3271	.. D	- 43 -906	2	1212	..	M(d)
3271a	.. F	- 27 -898	3	1273	..	Com.
3272	.. E	- 9 -915	$\phi$ 30	..	..	M(e);S(C)
3272a	.. G	- 2 -912	3	1342	..	Com.
3272b	.. H	+ 0 -919	4	1352	..	Com.
*3273	Deluc $\alpha$	- 40 -879	A	..	..	M(Cys. $\alpha$ )
*3274	.. $\beta$	- 35 -874	A	..	..	M(Cys. $\beta$ )
3274a	.. $\gamma$	- 0 -842	A	1351	..	Com.
* <u>3275</u>	Moretus	- 36 -941	60	(1241)	..	Ric.
3276	More. A	- 82 -940	0 20	..	..	M(a)
3278	.. C	- 58 -952	8	..	..	M(c)
3279	.. $\alpha$	Ww	AA	..	..	M
3280	.. $\beta$	- 36 -941	A	1241	..	N(B)
3281	.. $\gamma$	- 0 -930	A	..	..	M
3282	.. $\delta$	Nw	AA	..	..	M

3259 Valley or irregularly bordered formation.  
 3265b NE of two. 3273-4 Letters transposed in Ne's map.  
 3275 Sa's 1241 is the ct peak.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
<u>3283</u>	Klaproth	-158 -934	Ø 60	..	..	M
3284	Klap. A	-137 -928	17	924	958	M(a)
3284a	.. C	-119 -934	4	981	..	Com.
3285	.. B	-132 -942	5	..	..	M(b)
3285a	.. D	-118 -941	4	984	..	Com.
3286	.. α	WNW	AA	..	..	M
3287	.. β	-120 -940	AA	..	..	M
3288	.. γ	Ew	AA	..	..	N
<u>3289</u>	Casatus	-152 -953	Ø 60	..	..	Ric.
3290	Casa. A	-185 -955	30	..	..	M
3290a	.. K	-178 -962	16	..	..	G(A)
3291	.. B	-178 -941	12	..	..	M(b)
3292	.. C	-152 -951	10	874	843	M(c)
3293	.. D	-149 -972	12	..	..	M(d);N(a)
3294	.. E	-156 -981	16	..	..	M(e)
3294a	.. G	-180 -983	Ø 90	..	839	Fr(Cabeus)
3295	.. F	-130 -971	25	..	..	N
3295a	.. H	-117 -947	Ø 20	..	..	G
3295b	.. J	-146 -962	12	896	844	G(B)
3296	.. α	Ww	AA	..	..	N
3297	.. ζ	-178 -972	AA	..	..	N(β)
3298	.. γ	NWw	AA	..	..	N
3299	.. δ	Ew 3295b	A	..	..	N
3301	Cabe. α	- 98 -982	A	..	..	N(A);M(Casa.A)
3302	Casa. β	NWw 3293	A	..	..	M
3305	.. ε	-118 -962	A	..	..	S(α)
* <u>3306</u>	Newton	- 62 -971	Ø 65	..	..	M
3307	Newn. A	- 73 -980	36	..	..	M(a)
3308	.. B	- 45 -982	Ø 25	..	..	M(b)
3309	.. C	- 65 -959	23	..	..	M(c)
3309a	.. F	- 85 -952	4	1085	..	Com.
3310	.. D	-117 -978	20	..	..	S(A)

3306 Schr's "Newton", S of Plato,  
was rejected by M $\ddot{H}$ , and by all  
later writers.

JL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3310a	Newn. E	-106 -984	10	..	845	Com.
3311	.. a	Ww	A	..	..	N
<u>3312</u>	Short	- 34 -964	0 35	1251	..	Schr.
3313	Short A	- 11 -969	0 23	..	..	M(a)
3314	.. B	- 13 -964	0 20	..	..	M(b)
3317	.. a	SEw	A	..	..	N
3317a	.. β	- 34 -963	A	1253	1025	Com.
<u>3319</u>	Cabeus	- 67 -992	0 40	..	..	Ric.
3320	Cabe. B	-122 -988	20	..	..	M(b);N(a)
3321	.. A	- 96 -990	0 23	..	..	M(a);N(b)
<u>3322</u>	Malapert	+ 1 -994	18	..	..	Ric.
3323	Mala. A	- 1 -987	7	..	..	M
3324	.. B	- 2 -984	9	..	..	M(b)
3324a	.. C	+ 22 -989	0 21	..	1182	Fr(Schom.c)
3324b	.. K	+ 23 -981	0 21	1428	1181	Fr(k)
3324c	.. E	+ 36 -995	8	1473	..	Com.
3324d	.. F	+ 41 -989	9	..	..	Com.
3325	.. a	- 23 -995	A	..	..	N
* <u>3326</u>	Leibnitz Mts.	- 2 <sup>†</sup> to +220	AA	..	..	Schr.
3327	Leib. a	- 2 -1000	A	..	..	N
3328	.. β	+ 19 -1000	A	..	..	N
3329	.. γ	+108 -996	A	..	..	N
3330	.. δ	+210 -980	A	..	..	N
3331	.. ε	+158 -990	A	..	..	N
3332	.. κ	+ 70 -998	A	..	..	N
<u>3333</u>	Schomberger	+ 97 -973	0 35	1674	154, 156	Ric.
3334	Schom. A	+ 79 -980	0 18	1616	153	M(a);Fr(a)
3334a	.. J	+ 65 -981	3	1568	..	Com.
3336	.. C	+ 62 -972	0 20	..	..	M(c)
3336a	.. K	+ 44 -984	7	..	1177	Fr(f)
3336b	.. L	+ 49 -988	8	..	1183	Fr(1)
3337	.. D	+118 -959	18	1738	..	M(d);G(B)

3326 M calls Doerfel; N and others follow  
Schr.

† On SSW limb.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3338	Schom. E	+ 90 -988	18	..	1176	N(B)
3338a	.. F	+ 61 -985	5	1551	..	Com.
3338b	.. G	+ 30 -975	9	1458	1178	Fr(g)
3338c	.. H	+ 15 -976	8	..	1179	Fr(h)
3338d	.. M	+ 64 -995	10	..	1184	Fr(m)
3338e	.. N	+ 22 -968	5	1425	..	Com.
3339	.. $\alpha$	ct	A	..	..	M(A)
3340	.. $\gamma$	+140 -970	AA	..	..	M( $\Gamma$ )
3341	.. $\beta$	+ 80 -990	AA	..	..	M(B)
<u>3342</u>	Simpelius	+ 77 -956	0 40	1607	..	Ric.
3343	Simp. A	+ 97 -940	0 30	1572	..	M(a)
3343a	.. M	+ 95 -942	3	1664	..	Com.
3344	.. B	+ 47 -968	0 26	..	..	M(b)
3344a	.. J	+ 35 -971	10	..	1180	Fr(i)
3345	.. C	+ 32 -951	$\phi$ 18	..	..	M(c)
3346	.. D	+ 47 -949	0 28	1508	..	M(d)
3346a	.. L	+ 39 -942	10	1486	..	Com.
*3347	.. E	+ 75 -942	20	(1602)	..	M(e)
3348	.. F	+105 -932	14	1704	..	N(f)
3349	.. G	+127 -948	14	..	..	N(g)
3349a	.. N	+132 -947	5	1782	..	Com.
3350	.. H	+103 -926	10	..	..	N(h)
3351	.. K	+ 71 -965	13	1585	1185	N(A);Fr(k)
3352	.. $\alpha$	Ww	AA	..	..	M
3353	.. $\beta$	Ew	AA	..	..	M
3354	.. $\gamma$	Ew 3343	AA	..	..	M
<u>3355</u>	Curtius	+ 32 -921	0 52	..	..	Ric.
3356	Curt. A	+ 17 -930	8	1410	166	M
3356a	.. F	+ 19 -917	3	1419	..	Com.
3356b	.. G	+ 22 -913	3	1424	..	Com.
3356c	.. H	+ 50 -936	5	1517	..	Com.
3356d	.. K	+ 61 -934	4	1552	..	Com.

3347 Sa's 1602 is a small central crater.



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3356e	Curt. L	+ 62 -929	3	1553	..	Com.
3356f	.. M	+ 62 -910	3	1555	..	Com.
3357	.. B	+ 36 -896	18	1474	..	M
3357a	.. C	+ 28 -936	6	1451	1078	Fr(c)
3357b	.. D	+ 58 -905	0 20	..	..	G
3357c	.. E	+ 58 -922	8	..	..	G(B)
3358	.. $\alpha$	nW 3357c	AA	..	..	M
3359	.. $\beta$	NWw	AA	..	..	M
3360	.. $\delta$	E 3361	AA	..	..	M
3361	.. $\gamma$	Nw	A	..	..	M
3361a	.. $\theta$	+ 29 -919	A	1454	..	Com.
<u>3362</u>	Pentland	+ 85 -904	$\phi$ 31	..	..	M
3363	Pent. A	+ 89 -923	0 22	1645	..	M(a)
3363a	.. E	+ 87 -928	6	1637	1154	Fr(e)
3363b	.. P	+ 95 -925	3	1661	..	Com.
3364	.. B	+ 98 -915	15	1677	..	M(b)
3365	.. C	+119 -906	18	1742	..	M(c)
3365a	.. J	+110 -902	3	1715	..	Com.
3365b	.. K	+121 -919	8	1746	..	Com.
3365c	.. L	+126 -911	12	1760	..	Com.
3365d	.. M	+127 -902	3	1767	..	Com.
3366	.. D	+110 -892	18	1717	..	M(d)
3366a	.. F	+ 92 -884	6	1663	1155	Fr(f)
3366b	.. N	+132 -895	12	1783	..	Com.
3366c	.. O	+144 -892	8	1830	..	Com.
3367	.. $\alpha$	+ 83 -902	A	1624	..	M( <u>A</u> )
3368	.. $\beta$	SWw	A	..	..	M
3369	Curt. $\epsilon$	+ 52 -902	A	..	..	M(2nd. $\gamma$ )
<u>3370</u>	Kinau	+128 -872	23	..	..	N
3371	Kin. A	+161 -881	20	..	..	N(a)
3371a	.. B	+157 -879	4	1879	..	Com.
*3372	Manz. B	+162 -892	17	..	..	M(b);N(Kin.b)

3372 Also numbered 3910.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3373	Kin. C	+176 -866	14	..	..	N(c)
3373a	.. E	+172 -867	3	1931	..	Com.
3374	.. D	+161 -867	15	..	..	N(d, e in map)
3374a	.. G	+105 -879	13	1703	..	G
*3374b	.. F	+109 -884	♂ 4	1714	..	Com.
3374c	.. H	+170 -864	3	1926	..	Com.
3374d	.. K	+163 -853	5	1893	..	Com.
3374e	.. L	+164 -859	5	1900	..	Com.
<u>3375</u>	Jacobi	+104 -836	0 40	..	..	M
3375a	Jac. K	+104 -836	4	1696	..	Com.
3375b	.. M	+113 -847	4	1723	..	Com.
3375c	.. N	+113 -832	3	1725	..	Com.
3375d	.. O	+116 -826	9	1734	..	Com.
3375e	.. P	+130 -842	9	1775	..	Com.
*3375f	.. R	+136 -823	2	1798	..	Com.
3375g	.. T	+147 -829	3	1847	..	Com.
3376	.. A	+144 -852	15	1838	..	M(a)
3377	.. B	+141 -814	8	1817	1113	M
3377a	.. L	+151 -823	4	1859	..	Com.
3378	.. C	+ 92 -864	18	1652	..	M(c)
3378a	.. D	+ 90 -873	11	1646	..	G
3380	.. E	+111 -853	11	..	..	N(e)
3381	.. F	+ 91 -851	φ 20	..	..	N(f)
3381a	.. J	+ 96 -847	10	1666	173	Fr(f)
3381b	.. H	+ 96 -853	4	1670	..	Com.
3382	.. G	+127 -848	15	..	..	N(g)
3382a	.. S	+138 -843	2	1806	..	Com.
3383	.. Ir	Thro' NWw	/	..	..	N(φ)
<u>3384</u>	Zach	+ 45 -872	35	..	..	M
3385	Zach A	+ 40 -887	20	..	..	M(a)
3386	.. B	+ 29 -853	0 20	..	..	M(b)
3386a	.. H	+ 27 -858	3	1448	..	Com.

3374b Sa's 1714 is the SE of two adjacent craters.

3375f Mid. crater of 5.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3386b	Zach J	+ 45 -841	5	1504	..	Com.
*3387	.. C	+ 11 -853	7	1391	..	M(c)
3387a	.. G	+ 5 -852	3	1370	..	Com.
3388	.. D	+ 65 -883	14	1567	..	N(d)
3389	.. E	+ 58 -858	10	..	..	N(e)
3389a	.. K	+ 58 -843	5	1546	..	Com.
3389b	.. L	+ 63 -848	9	1563	..	Com.
3389c	.. M	+ 66 -840	2	1571	..	Com.
3390	.. F	+ 30 -866	15	1456	..	N(f)
3391	.. $\alpha$	Sw 3389	A	..	..	M( <u>A</u> );N( $\Delta$ )
3392	.. $\beta$	ct 3388	A	..	..	M( <u>B</u> )
3393	.. $\gamma$	Inner Sw	A	..	..	M
<u>3394</u>	Lilius	+ 63 -814	32	..	..	Ric.
3394a	Lili. S	+ 62 -796	8	1557	..	Com.
*3394b	.. T	+ 73 -828	3	1591	..	Com.
3394c	.. U	+ 79 -804	4	1612	..	Com.
3394d	.. W	+ 86 -806	4	1634	..	Com.
3394e	.. X	+102 -804	2	1688	..	Com.
3395	.. A	+ 87 -823	22	1639	..	M(a)
3396	.. B	+ 40 -798	18	1491	..	M(b)
3397	.. C	+ 33 -812	20	..	..	M(c)
*3397a	.. J	+ 17 -832	8	1411	..	Com.
3397b	.. K	+ 23 -804	12	1432	..	Com.
3397c	.. L	+ 25 -817	3	1440	..	Com.
3397d	.. M	+ 28 -831	6	1453	..	Com.
3397e	.. O	+ 36 -823	3	1472	..	Com.
3397f	.. P	+ 38 -828	3	1480	..	Com.
3397g	.. R	+ 44 -816	5	1503	..	Com.
3398	.. D	+ 28 -782	0 28	..	..	M(d)
3399	.. E	+ 36 -775	0 18	..	..	N(e)
3400	.. F	+ 20 -762	0 24	..	..	N(f)
3400a	.. G	+ 8 -766	3	1381	..	Com.

3387 and 3397a Sa's No.1411 is identified as "Zach c"  
in his Catalogue. 3394b Two adjacent craters.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3400b	Lili. H	+ 9 -771	4	1383	..	Com.
3400c	.. N	+ 32 -755	2	1462	..	Com.
3401	.. a	+ 62 -814	A	1558	177	M(A)
3402	.. β	SEw 3395	AA	..	..	M
3403	.. γ	Ew	AA	..	..	M
<u>3404</u>	Cuvier	+103 -770	0 38	..	..	M
3404a	Cuv. H.	+ 98 -751	5	1675	..	Com.
3404b	.. J	+100 -757	3	1680	..	Com.
3404c	.. K	+107 -790	4	1709	..	Com.
3404d	.. L	+112 -753	6	1721	..	Com.
3404e	.. O	+130 -784	5	1774	..	Com.
3405	.. A	+127 -792	10	1764	..	M(a)
3405a	.. M	+113 -802	3	1726	..	Com.
3405b	.. N	+125 -803	3	1759	..	Com.
3406	.. B	+149 -784	10	1851	184	M(b)
3406a	.. R	+143 -777	4	1829	..	Com.
3407	.. O	+131 -765	5	1780	..	M
3407a	.. P	+141 -766	5	1820	..	Com.
3408	.. D	+ 85 -781	8	1631	..	M
3408a	.. G	+ 83 -775	4	1623	..	Com.
3409	.. E	+137 -791	11	1803	..	N(e)
3410	.. F	+119 -790	9	1743	..	N(f)
3411	.. α	Ew	AA	..	..	M
3412	.. β	Ww	AA	..	..	M
* <u>3414</u>	Licetus	+ 80 -730	0 46	..	..	Ric;M(a)
3414a	Licet. A	+ 38 -740	4	1483	..	Com.
3414b	.. B	+ 59 -725	6	1547	..	Com.
3414c	.. C	+ 66 -736	5	1569	..	Com.
3414d	.. D	+ 52 -743	3	1528	..	Com.
3414e	.. T	+ 81 -717	4	1619	..	Com.
3414f	.. U	+ 89 -730	3	1642	..	Com.
3414g	.. S	+101 -710	6	1684	..	Com.

3414 Ric's and M's Licetus included Nos. 3414, 3415, 3416, and 3417: Sch. (here followed) named 3414 alone "Licetus" and 3416 "Heraclitus".

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3414h	Licet. W	+103 -718	3	1695	..	Com.
3414i	.. Q	+115 -734	4	1731	..	Com.
3415	Herat. B	+ 80 -760	Ø 28	..	..	M(Licet.b)
3415a	.. E	- 75 -762	3	1601	..	Com.
<u>3416</u>	Heraclitus	+ 64 -755	Ø 28	..	..	S(M, c)
3416a	Herat. A	+ 53 -758	2	1530	..	Com.
3416b	.. C	+ 72 -752	4	1587	..	Com.
3417	.. D	+ 59 -776	22	..	..	M(Licet.d)
3418	Licet. E	+ 24 -707	Ø 13	..	..	M(e)
3418a	.. N	+ 28 -713	4	1449	..	Com.
3419	.. F	+ 12 -719	17	1394	..	M(f)
3419a	.. K	+ 1 -713	3	1354	..	Com.
3419b	.. L	+ 13 -734	2	1399	..	Com.
3419c	.. M	+ 23 -728	4	1430	..	Com.
3420	Stöf. G	+ 26 -686	11	..	..	M
3420a	Licet. G	+ 24 -692	5	1438	..	M
3421	.. H	+ 39 -718	6	1484	199	M
3421a	.. R	+ 48 -709	3	1510	..	Com.
3422	.. J	+ 40 -697	6	1488	..	M(i)
*3423	Stöf. O	+ 16 -687	20	1407	..	M(o)
3424	Licet. α	Ew	Λ	..	..	M
3425	.. β	Ww	ΛΛ	..	..	M
3426	Herat. γ	Ww	ΛΛ	..	..	N(Licet.γ)
3427	Licet. Ir	fr Nw 3421		..	..	N(ξ)
<u>3429</u>	Stöfler	+ 75 -655	Ø 85	..	..	Ric.
3430	Faraday A	+127 -662	10	..	..	M(Stöf.a)
3431	.. C	+102 -684	14	..	..	M(Stöf.c)
3432	.. D	+121 -691	7	1748	..	M(Stöf.D)
3433	Stöf. E	+ 73 -692	10	1593	..	M
3433a	.. S	+ 71 -705	4	1583	..	Com.
3434	.. F	+ 64 -677	10	1565	213	M(f)
3435	Fara. G	+122 -718	16	1754	..	M(Stöf.g)

3423 Row of craters; the co-ords. are of the S one, diam. 5.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3435a	Fara. H	+126 -708	6	1763	..	Com.
3436	Stöf. H	+ 26 -652	18	..	..	M(h)
3437	.. K	+ 57 -635	10	1543	207	M
3438	.. L	+111 -634	9	..	..	M
3438a	.. T	+110 -638	3	1718	..	Com.
3439	.. M	+106 -655	5	1708	..	M
3439a	.. U	+128 -645	3	1770	..	Com.
3440	.. N	+ 86 -666	7	1633	..	M(n)
3441	.. P	+ 91 -685	φ 20	..	..	N(p)
3445	.. J	+ 33 -673	0 25	..	..	S(i)
3445a	.. R	+ 23 -671	3	1435	..	Com.
3446	.. α	W 3436	Λ	..	..	M
3447	.. β	+ 91 -658	Λ	..	..	M
3448	.. δ	NE 3434	Λ	..	..	M
3449	.. ε	Inner Sw	ΛΛ	..	..	M
3450	.. λ	SWw 3437	Λ	..	..	N
<u>3451</u>	Faraday	+113 -673	φ 30	..	..	Birt;M(Stöf.b)
3451a	Fara. K	+132 -678	3	1785	..	Com.
<u>3455</u>	Fernelius	+ 68 -617	0 36	..	..	Ric.
3455a	Fern. B	+ 57 -607	5	1545	..	Com.
3455b	.. D	+ 85 -618	4	1629	..	Com.
3455c	.. E	+ 90 -620	2	1648	..	Com.
3456	.. A	+ 46 -624	φ 10	..	..	N(a)
3457	.. C	+ 60 -627	3	1549	..	M
3458	.. γ	Nw 3429	ΛΛ	..	..	M(Stöf.γ)
<u>3459</u>	Nonius	+ 60 -570	φ 25	..	..	Ric.
3459a	Non. F	+ 54 -586	3	1532	..	Com.
3460	.. A	+ 80 -578	6	1614	..	M
3460a	.. G	+ 82 -570	3	1621	..	Com.
*3461	Miller(3161) A	+ 27 -612	0 18	(1447)	..	M(Non.A)
3461a	Mill. B	+ 14 -610	6	1400	..	Com.
3461b	.. E	+ 38 -627	3	1482	..	Com.

3461 Sa's 1447 is a small crater in  
ct 3461.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3461c	Mill. D	+ 42 -615	3	1494	..	Com.
3462	Non. B	+ 30 -590	8 22	..	..	M(b)
3462a	.. O	+ 17 -580	4	1408	..	Com.
3462b	.. D	+ 25 -581	3	1439	..	Com.
3462c	.. E	+ 38 -596	4	1479	..	Com.
3463	Kais. C	+135 -596	7	1797	221	M(Non.C)
<u>3464</u>	Kaiser	+ 90 -594	0 18	..	..	S;M(d)
3464a	Kais. A	+102 -592	8	1690	..	Com.
3464b	.. B	+ 78 -596	3	1609	..	Com.
3464c	.. E	+102 -572	3	1691	..	Com.
3464d	.. D	+103 -602	2	1693	..	Com.
<u>3466</u>	Walter	+ 10 -548	0 74	..	..	Ric.
3466a	Walt. M	- 5 -559	2	1333	..	Com.
3466b	.. N	- 3 -554	3	1338	..	Com.
3466c	.. O	- 2 -582	3	1340	..	Com.
3466d	.. P	+ 4 -579	4	1363	..	Com.
3466e	.. Q	+ 4 -552	2	1366	..	Com.
3466f	.. R	+ 5 -585	3	1369	..	Com.
3466g	.. S	+ 9 -593	6	1384	..	Com.
3466h	.. T	+ 26 -551	4	1444	..	Com.
3466i	.. U	+ 39 -551	3	1485	..	Com.
3467	.. A	+ 12 -535	6	1392	..	M
3468	.. B	- 23 -510	φ 10	..	..	M(b)
3469	.. C	- 13 -516	φ 9	..	..	N(c);S(E)
3469a	.. CA	- 10 -522	3	1323	..	Com.
3469b	.. L	- 13 -529	3	1307	..	Com.
3471	.. E	- 18 -548	φ 5	..	..	M(e)
3471a	.. K	- 20 -560	4	1293	..	Com.
3471b	.. J	- 22 -566	3	1288	..	Com.
3472	.. F	+ 31 -546	3	1460	..	M(f)
3472a	.. D	+ 45 -530	∞ 14	..	..	G
3473	.. G	- 58 -537	4	1162	..	M(g)

3469a SW crater of three.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
*3473a	Walt. H	- 64 -528	2	1145	..	Com.
3475	.. a	n ct	A	..	..	M
3476	.. β	- 2 -522	A	..	..	M
3477	.. γ	W 3469	AA	..	..	N
3478	.. δ	nN 3471	AA	..	..	M
3479	.. ε	nN 3466g	A	..	..	M
3480	.. ζ	E 3498	A	..	..	M
3481	.. ρ	- 28 -520	AA	..	..	N
<u>3482</u>	Werner	+ 52 -470	38	..	..	Ric.
3483	Wer. A	+ 17 -458	9	1409	1204	M
3483a	.. E	+ 12 -460	3	1393	..	Com.
3483b	.. G	+ 19 -463	4	1420	..	Com.
3484	.. B	+ 11 -441	7	1390	233	M(b)
3484a	.. F	+ 13 -435	5	1397	..	Com.
*3485a	.. D	+ 51 -455	7	1520	150	Com.
3486	.. γ	Ew	A	..	..	M(a)
3487	.. a	+ 54 -469	A	1534	..	M(A)
3488	.. β	Ww	A	..	..	M
3489	.. γ	+ 82 -480	AA	..	..	M
3490	.. δ	NW 3486	AA	..	..	M
3491	.. ε	S 3486	A	..	..	M
<u>3492</u>	Aliacensis	+ 79 -510	45	..	..	Ric.
3492a	Alia. F	+ 57 -540	3	1544	..	Com.
3492b	.. G	+ 69 -550	4	1577	..	Com.
3492c	.. H	+ 90 -527	3	1647	..	Com.
3492d	.. K	+ 94 -521	3	1659	..	Com.
3493	.. a	+ 76 -507	A	..	1056	M(A)
3494	.. β	Ww	AA	..	..	M
3495	.. γ	ESEw	A	..	..	M
3496	.. δ	+ 78 -544	A	..	..	M
3497	.. A	+113 -495	8	1724	..	M(a)
3498	.. B	+ 50 -520	φ 8	..	..	M(b)

3473a M's Walt. d (C.L.3470) and N's Walt.h (C.L.3474) are omitted as being vague formations.

3485a Bright spot.



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr
3498a	Alia. E	+ 36 -506	5	1471	..
*3499	.. D	+100 -547	5	1682	.. N
3500	.. C	fr W 3496	//	..	.. N(b)
<u>3501</u>	Poisson	+142 -513	φ 40	..	.. M
3501a	Pois. N	+126 -511	2	1762	.. Com.(SE of t..)
3501b	.. P	+131 -528	3	1778	.. Com.
3501c	.. S	+172 -500	2	1935	.. Com.
3502	.. A	+139 -496	9	1810	.. M
3502a	.. R	+127 -500	3	1766	.. Com.
3503	.. B	+163 -512	6	..	.. M(b)
3504	.. C	+127 -546	φ 12	..	.. M(c)
3505	.. D	+116 -521	7	..	.. M(d)
3505a	.. L	+122 -541	9	..	.. G(D)
3506	.. E	+123 -560	8	..	.. M(e)
3506a	.. O	+131 -574	3	1777	.. Com.
3507	.. F	+115 -555	7	..	.. M(f)
3507a	.. M	+111 -558	3	1719	.. Com.
3508	.. H	+109 -546	φ 12	..	.. N(h)
3509	.. J	+122 -572	φ 17	..	.. N(i)
3509a	.. K	+140 -540	8	1816	226 Fr(c)
3510	.. α	+143 -510	A	..	.. M
3511	.. β	SE 3503	AA	..	.. M
3512	.. γ	nSE 3502	A	..	.. M
<u>3513</u>	Apianus	+123 -452	0 36	..	.. Ric.
3513a	Api. G	+118 -471	2	1737	.. Com.
3513b	.. J	+134 -443	3	1794	.. Com.
3514	.. A	+105 -433	0 11	..	.. M
3514a	.. F	+ 98 -471	3	1676	.. Com.
3515	.. B	+139 -460	6	1813	.. M
3515a	.. H	+133 -471	3	1790	.. Com.
3515b	.. K	+144 -461	3	1836	.. Com.
3516	.. O	+161 -471	12	1890	232 M(c)

3499 The "Poisson B" of Sch. and perhaps of Mā.  
 (identified with this crater in C.L.) is the  
 larger, less regular crater, + 94 -551.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3516a	Api. L	+165 -486	3	1901	..	Com.
3517	.. D	+167 -442	0 18	..	..	M(d)
3517a	.. M	+163 -419	4	1895	..	Com.
3518	.. E	+125 -482	5	1758	..	M
3518a	.. P	+145 -425	0 24	..	..	G
3519	.. α	NEW	AA	..	..	M
3520	.. β	Nw 3517	A	..	..	M
3521	.. γ	Sw 3517	AA	..	..	M
3522	.. δ	NW	AA	..	..	M
*3523	Playfair	+136 -397	26	(1800)	..	M
3524	Play. A	+111 -379	φ 12	..	..	M(a)
3524a	.. B	+122 -394	4	1752	..	Com.
3524b	.. C	+126 -412	3	1761	..	Com.
3524c	.. D	+139 -411	3	1812	..	Com.
3524d	.. E	+144 -371	3	1834	..	Com.
3524e	.. F	+131 -373	3	1779	..	Com.
3525	.. α	+135 -426	AA	..	..	M
3526	.. β	SWw	AA	..	..	M
3527	.. γ	NNEw	AA	..	..	M
3528	.. δ	+ 94 -426	A	..	..	M
3529	.. ε	SEw	AA	..	..	N
3530	Krusenstern	+ 93 -445	φ 28	..	..	S
3530a	Krus. A	+ 91 -453	3	1651	..	Com.
*3531	Blanchinus	+ 41 -425	0 28	(1492)	..	Schr.
3531a	Blanch. B	+ 25 -425	4	1442	..	Com.
3532	.. D	+ 67 -423	4	1574	..	M(Laca.d)
3532a	.. K	+ 80 -419	5	1615	..	G
3533	Lacaille	+ 19 -400	0 28	..	..	Schr.
3533a	Laca. A	+ 7 -388	4	1378	..	Com.
3534	.. C	+ 23 -361	7	..	..	M
3535	.. D	+ 35 -401	6	1470	..	M
3535a	.. B	+ 23 -357	4	1429	..	Com.

3523, 3531 Sa's 1800 and 1492 are small craters, N et in each case; his 1559 is a central peak.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3536	Laca. E	+ 42 -398	φ 9	..	..	M(e)
3536a	.. F	+ 55 -400	4	1535	..	Com.
3537	.. G	+ 32 -350	6	1463	..	M(g)
3538	.. H	+ 13 -419	3	1398	..	M
3539	.. α	Nw	ΛΛ	..	..	M
3540	.. β	SWw	ΛΛ	..	..	M
<u>3541</u>	Delaunay	+ 43 -378	φ 30	..	..	Birt;M(Laca.f)
3541a	Delau. A	+ 33 -374	3	1468	..	Com.
3542	.. α	ct Delau.	ΛΛ	..	..	N;M(Laca.α)
3543	.. β	Ww	ΛΛ	..	..	N
3544	.. δ	SEw	Λ	..	..	N
* <u>3545</u>	Faye	+ 62 -365	φ 16	(1559)	..	Birt;M(Laca.B)
3545a	.. A	+ 52 -361	2	1524	..	Com.
3545b	.. B	+ 73 -385	3	1592	..	Com.
<u>3547</u>	Donati	+ 83 -354	φ 17	..	..	Birt;M(Laca.A)
3547a	Don. A	+ 74 -337	4	1596	..	Com.
3547b	.. B	+ 93 -349	6	1655	..	Com.
3547c	.. C	+ 57 -341	5	1542	..	Com.
3548	.. α	+ 84 -353	Λ	1626	..	N(A)
<u>3549</u>	Airy	+ 92 -312	φ 26	..	..	M
3549a	.. J	+101 -326	3	1683	..	Com.
3550	.. A	+128 -293	7	1769	4	M
3550a	.. O	+140 -288	2	1814	..	Com.
3550b	.. P	+140 -274	4	1815	..	Com.
3551	.. B	+139 -303	φ 16	..	..	M(b)
3551a	.. N	+136 -306	4	1799	..	Com.
3551b	.. S	+156 -297	3	1878	..	Com.
3552	.. C	+ 82 -333	φ 16	..	..	N(c);M(γ)
3552a	.. H	+ 94 -321	5	1660	..	Com.
3553	.. E	+124 -355	φ 20	..	..	M(e)
3553a	.. L	+124 -349	3	1756	..	Com.
3554	.. G	+115 -321	φ 12	..	..	N(g)

3545 Sa's 1559 is a ct peak.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3554a	Airy F	+121 -312	3	1745	..	Com.
*3554b	.. M	+125 -328	3	1757	..	Com.
3554c	.. R	+144 -335	3	1837	..	Com.
3555	.. $\alpha$	+ 74 -315	$\Lambda\Lambda$	..	..	M
3556	.. $\beta$	Ew	$\Lambda$	..	..	M
3557	.. $\gamma$	Ew 3552	$\Lambda$	..	..	M
3558	.. $\delta$	S 3551	$\Lambda\Lambda$	..	..	M
*3559	Argelander	+ 97 -285	0 24	(1673)	..	Birt;M(Airy C)
3559a	Argl. A	+113 -284	5	1728	..	Com.
3559b	.. B	+ 86 -268	3	1632	..	Com.
3559c	.. C	+ 96 -280	2	1669	..	Com.
3560	Vogel	+ 98 -257	0 32	..	..	Kr;M(Airy d)
3560a	Vog. A	+ 95 -243	5	1662	..	Com.
3561	Burnh. F	+117 +248	5	1735	..	M(Airy F)
3561a	.. A	+119 -255	4	1741	..	Com.
3561b	.. B	+122 -264	2	1749	..	Com.
3562	Burnham	+122 -242	$\phi$ 14	..	..	Kr;N(Argl.a)
3563	Parrot	+ 55 -255	$\phi$ 36	..	..	M
3563a	Paro. R	+ 54 -234	6	1533	..	Com.
3563b	.. S	+ 60 -274	5	1550	..	Com.
3563c	.. T	+ 70 -274	4	1579	..	Com.
3563d	.. U	+ 76 -243	5	1604	..	Com.
3564	.. $\alpha$	SWw	$\Lambda\Lambda$	..	..	M
3565	.. $\beta$	+ 50 -310	$\Lambda$	..	..	M
3566	.. $\gamma$	SWw 3575	$\Lambda$	..	..	M
3567	.. A	+ 35 -264	10	..	..	M(a)
3568	.. B	+ 43 -243	5	..	..	M
3569	.. C	+ 22 -318	17	..	..	M(c)
3569a	.. L	+ 16 -310	4	1406	..	Com.
3569b	.. M	+ 33 -309	3	1466	..	Com.
3569c	.. P	+ 49 -321	3	1514	..	Com.
3570	Argl. D	+ 74 -303	7	1599	5	M(Paro.D)

3554b Bright spot.

3559 Sa's 1673 is the ct peak.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3571	Paro. E	+ 39 -276	φ 10	..	..	N(e)
3572	.. F	+ 25 -280	0 10	..	..	N(f)
3574	.. H	+ 20 -304	φ 12	..	..	N(h)
3575	.. J	+ 33 -291	φ 24	..	..	N(i)
3575a	.. O	+ 43 -292	5	1498	..	Com.
3576	.. K	+ 29 -244	φ 28	..	..	N(k)
3576a	.. N	+ 8 -238	3	1380	..	Com.
3576b	.. Q	+ 18 -261	3	1417	..	Com.
3576c	.. W	+ 25 -228	3	1443	..	Com.
3576d	.. X	+ 32 -250	2	1461	..	Com.
<u>3577</u>	Albategnius	+ 67 -197	0 70	..	..	Ric.
3577a	Alba. A	+ 55 -156	4	1540	..	Com.
3577b	.. O	+ 72 -229	3	1586	..	Com.
3577c	.. P	+ 77 -224	3	1606	..	Com.
<u>3578</u>	Klein	+ 44 -207	0 24	..	..	Kr;M(A)
3578a	.. A	+ 51 -197	5	1523	..	Com.
3578b	.. B	+ 31 -216	3	1459	..	Com.
3578c	.. C	+ 44 -217	3	1501	..	Com.
3579	Alba. B	+ 69 -174	12	1578	..	M(b)
3579a	.. O	+ 64 -179	4	1566	..	Com.
3579b	.. M	+ 72 -155	4	1588	..	Com.
*3579c	.. N	+ 78 -171	5	1610	..	Com.
<u>3580</u>	Ritchey	+143 -192	φ 18	..	..	Kr;M(C)
3580a	Ritch. A	+133 -196	3	1786	..	Com.
3580b	.. B	+152 -207	4	1864	..	Com.
3580c	.. O	+157 -190	3	1881	..	Com.
3580d	.. D	+158 -178	4	1883	..	Com.
3581	Alba. D	+122 -198	5	..	..	M(d)
3582	.. E	+109 -224	7	1713	..	M
3582a	.. R	+ 96 -213	7	1668	..	Com.
3582b	.. S	+103 -230	3	1694	..	Com.
3582c	.. T	+104 -219	5	1698	..	Com.

3579c SW one of two.

OL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3582d	Alba. L	+108 -209	4	1712	..	Com.
*3583	Mil. F	+ 21 -134	3	1492	..	M(f)
3583a	Alba. K	+ 35 -172	6	1469	..	Com.
3584	.. G	+ 33 -164	8	1467	..	M
3585	.. H	+ 89 -168	7	1643	..	M
3586	.. J	+106 -193	4	1707	..	M
3587	.. a	ct	Λ	..	..	M( <u>A</u> )
3588	.. β	In NWw	ΛΛ	..	..	M
3589	.. γ	S 3583a	Λ	..	..	M
3590	.. δ	E 3579	ΛΛ	..	..	M
3591	.. ε	NEw 3578	ΛΛ	..	..	M
3592	.. ζ	NE 3586	Λ	..	..	M
3593	.. θ	+124 -208	ΛΛ	..	..	M
*3594	.. Ir	+ 50 -170		..	..	N(φ)
<u>3595</u>	Halley	+101 -141	17	..	..	Birt;M(Hipr.A)
3595a	Haly. C	+114 -172	3	1730	..	Com.
3596	.. A	+ 89 -151	φ 18	..	..	N(a)
3596a	.. B	+ 78 -147	3	1608	..	Com.
3597	.. F	+102 -158	∥	..	..	N(f)
3599	.. L	NEw	Λ	..	..	N;M(Hipr.L)
<u>3601</u>	Hind	+127 -138	16	1765	..	Birt;M(Hipr.d)
3602	Hind X	ENEw	ΛΛ	..	..	N;M(Hipr.X).
3603	.. C	+129 -151	4	1771	..	M(c)
<u>3605</u>	Hipparchus	+ 85 - 90	0 112	..	..	Ric.
3606	Hipr. C	+142 -129	10	1823	66	M
3606a	.. Z	+156 -149	4	1877	..	Com.
<u>3607</u>	E. Pickering	+122 - 50	9	1753	67	Kr;M(E)
3607a	K.Pi. A	+123 - 27	2	1755	..	Com.
3607b	.. B	+129 - 36	3	1773	..	Com.
3608	Hipr. F	+ 43 - 73	5	1499	..	M
3608a	.. D	+ 37 - 78	2	1475	..	Com.
3608b	.. E	+ 40 - 74	3	1487	..	Com.

3583 A row of 4; Sa's 1422 and the co-ords the NE one.

3594 A confluent crater row.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3608c	Hipr. H	+ 40 - 95	2	1489	..	Com.
3608d	.. P	+ 48 - 82	3	1509	..	Com.
*3609	.. G	+129 - 87	8	1772	68	M
3609a	.. W	+135 - 88	3	1796	..	Com.
<u>3610</u>	Seeliger	+ 53 - 39	5	1529	1100	Kr;M(Hipr.H)
3610a	Seel. A	+ 53 - 32	3	1531	..	Com.
3611	Hipr. J	+ 56 -132	8	1541	..	M(1)
3611a	.. Q	+ 50 -148	4	1519	..	Com.
3611b	.. T	+ 62 -124	4	1554	..	Com.
3611c	.. U	+ 62 -118	4	1556	..	Com.
3612	.. K	+ 38 -121	6	1481	..	M
3612a	.. B	+ 30 -122	3	1457	..	Com.
3613	.. L	+156 -119	7	1874	1101	N;M(1); S(1)
<u>3613a</u>	Lade	+172 - 20	φ 30	..	..	Kr.
3614	Lade M	+164 - 19	6	1897	1102	M(Hipr.M)
3615	Horo. M	+133 - 71	3	1787	..	N(Hipr.m)
3616	Hipr. N	+ 87 - 84	3	1638	..	N(n)
<u>3618</u>	Müller	+ 35 -133	0 13	..	..	Lamèch;N(Hipr.r)
3618a	Mül. A	+ 37 -142	6	1478	..	Com.
3618b	.. O	+ 42 -137	6	1496	..	Com.
3619	Lade S	+144 - 20		..	..	N(Hipr.S)
3621	Hipr. X	+ 83 -101	φ 14	..	..	N(x)
<u>3621a</u>	Saunder	+151 - 74	φ 26	..	..	Mül.
3621b	Saun. B	+171 - 68	3	1928	..	Com.
3621c	.. C	+183 - 48	2	1964	..	Com.
3622	Hipr. α	SSE 3609	AA	..	..	M
3623	.. β	S 3609	AA	..	..	M
3624	.. γ	SSW 3610	A	..	..	M
3625	.. δ	S 3608	AA	..	..	M
3626	.. ε	SE 3621	AA	..	..	M
3627	.. ζ	NE <u>3595</u>	A	..	..	M
3628	Lade λ	Ew	AA	..	..	M(Hipr.λ)

3609 Named W.Pickering by Kr. (see No.4255)

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3629	Hipr. X	S 2623;Ww	AA	..	..	N
3631	.. Ir	NNE 3607	\	..	..	N( $\sigma$ )
3632	.. IIr	E 3616	/	..	..	N( $\phi$ )
3634	.. IIIr	N 3607	/	..	..	N( $\eta$ )
3635	.. IVr	Thro' 3621		..	..	N( $\theta$ )
3636	.. Vr	fr SW 3608	\	..	..	S(r)
<u>3637</u>	Horrocks	+102 - 69	17	1687	..	Birt;M(Hipr. b)
<u>3639</u>	Réaumur	+ 13 - 40	$\phi$ 30	..	..	M
3639a	Réaum. C	+ 4 - 61	3	1365	..	Com.
3639b	.. D	+ 49 - 4	3	1513	..	Com.
3640	.. A	+ 4 - 75	9	1368	..	M
3641	.. B	+ 15 - 74	2	1403	..	M(b)
3642	Gylden C	+ 18 -103	3	1415	..	M(Réa. c)
3643	Réaum. a	WSW	A	..	..	M(A)
3644	.. $\beta$	NW	A	..	..	M
3645	.. Ir	fr E 3644	\	..	..	N( $\phi$ )
3646	.. IIr	fr N 3644	/	..	..	N( $\psi$ )
3647	.. IIIr	fr nW	\	..	..	N( $\xi$ )
* <u>3648</u>	Theon Senior	+266 - 14	10	2258	143	Ric.
3649	The. Sen. A	+266 - 3	3	2257	..	N(a)
3650	.. .. B	+244 + 3	3	2182	..	N(b)
3650a	.. .. C	+251 - 24	3	2202	..	Com.
* <u>3651</u>	Theon Junior	+273 - 42	10	2275	142	Ric.
3651a	The. Jun. B	+230 - 38	4	2130	..	Com.
3651b	.. .. C	+253 - 41	2	2210	..	Com.
3652	.. .. a	+256 - 30	AA	..	..	M
3653	.. .. $\beta$	+246 - 58	A	..	..	M
3654	.. .. $\gamma$	nN 3651a	A	..	..	M
3655	.. .. $\delta$	+226 - 60	A	..	..	M
<u>3656</u>	Delambre	+298 - 33	28	..	..	Lo.
3656a	Delam. C	+292 - 46	3	2331	..	Com.
3656b	.. D	+302 - 19	3	2353	..	Com.

3648-51 Schmidt transposes Theon Senior and Junior.



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
* 3658	Delam. B	+336 - 30	4	..	..	N text
3659	.. F	+330 - 18	3	2444	..	N(f)
3660	.. α	Ww	A	..	..	M
3661	.. β	W 3651;ESEw	A	..	..	M
3662	.. γ	+306 - 56	A	..	..	M
3663	.. δ	S 3659	AA	..	..	M
3664	.. ε	+290 - 63	AA	..	..	N
<u>3665</u>	Hypatia	+381 - 70	0 24	..	..	Ric.
3665a	Hyp. H	+407 - 78	3	2638	..	Com.
3666	Hyp. A	+377 - 85	9	2575	246	M
3666a	.. B	+362 - 81	3	2537	..	Com.
<u>3667</u>	Moltke	+410 - 10	4	2642	70	Kr;M(B)
3667a	Mol. A	+394 - 18	3	2613	..	Com.
3667b	.. B	+426 - 18	3	2675	..	Com.
3668	Hyp. C	+356 - 15	0 11	..	..	M
* 3669	.. D	+387 - 55	∞ 5	..	..	M(d)
3669a	.. G	+390 - 47	3	2608	..	Com.
3670	.. E	+349 - 6	3	2505	..	M
3671	.. F	+365 - 72	4	2549	..	N(f)
3672	.. α	W 3671	AA	..	..	M
3673	.. β	+404 - 68	AA	..	..	M
3674	.. γ	SW 3667	AA	..	..	M
3675	.. ε	SE 3668	A	..	..	M
3677	.. θ	+380 -112	A	..	..	M
3678	.. η	+364 - 56	AA	..	..	M
* 3679	.. Ir	fr E 3667	\	..	..	M(δ)
<u>3680</u>	Alfraganus	+324 - 94	13	2421	6	Ric.
3681	Alf. A	+348 - 58	0 16	..	..	M(a)
3681a	.. E	+325 - 80	2	2425	..	Com.
3681b	.. F	+356 - 61	5	2520	..	Com.
3681c	.. G	+362 - 46	3	2533	..	Com.
3683	.. C	+309 -106	7	2370	7	M(c)

3658 Not the B of M's and N's maps, nor Sch's B. These are insignificant.

3669 2597 and 2605 in Sa. 3679 (=550) includes 3 parallel rills.

OL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3684	Alf. D	+344 - 70	4	2492	..	M
3685	.. a	nW 3681	AA	..	..	N
<u>3686</u>	Taylor	+285 - 95	0 30	..	..	M
3687	Saun.(3621a)A	+212 - 70	4	2062	..	M(Tay.A)
3688	Tay. A	+262 - 75	18	..	..	M(a)
3688a	.. B	+245 - 74	φ 12	..	..	G
3688b	.. C	+254 - 98	3	2217	..	Com.
3688c	.. D	+270 - 93	4	2267	..	Com.
3689	.. a	Ew 3688	AA	..	..	M
3690	.. β	NWw 3688	AA	..	..	M
3691	.. γ	ct	A	..	..	M(Γ)
3692	.. γ	+292 -149	AA	..	..	M
3693	.. δ	+300 - 85	AA	..	..	M
3694	.. e	nSE	AA	..	..	M
<u>3695</u>	Kant	+340 -184	φ 19	2478	241	M
<u>3696</u>	Zöllner	+320 -140	0 22	..	..	S
3697	Kant B	+313 -170	φ 9	..	..	M(b)
3698	.. C	+373 -162	6	..	..	M(c)
3699	.. D	+310 -200	φ 30	..	..	M(d)
3699a	.. O	+289 -208	8 4	2321	..	Com.(NE of two
3699b	.. P	+294 -187	5	2337	..	Com.
3699c	.. Q	+314 -226	8 3	2382	..	Com.(NW of two
3699d	.. S	+331 -200	∞ 3	2447	..	Com.(W of two)
3699e	.. T	+338 -196	3	2466	..	Com.
3699f	.. X	+353 -193	3	2515	..	Com.
3700	.. E	+353 -176	φ 8	..	..	N(e)
3702	.. G	+332 -158	φ 14	..	..	N(g)
3702a	.. U	+340 -159	3	2477	..	Com.
3703	.. H	+352 -159	8 4	2512	..	N(h)(SW of two
3704	Zöllner J	+352 -108	6	2511	..	N(Kant 1)
3704a	.. K	+354 -113	4	2516	..	G
3704b	.. A	+354 -123	3	2545	..	Com.

OL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3706	Kant M	+345 -173	5	..	..	N(m)
3707	.. N	+333 -172	5	2451	..	N(n)
3707a	.. R	+323 -175	3	2418	..	Com.
3708	Zöllner $\lambda$	WNW	$\Lambda\Lambda$	..	..	N(Kant $\lambda$ )
3710	.. $\eta$	nN 3704	A	..	..	S(Kant $\eta$ )
3711	Kant $\alpha$	+368 -178	A	..	..	M( <u>A</u> )
3712	.. $\beta$	+310 -180	$\Lambda\Lambda$	..	..	M
3713	Zöllner $\gamma$	+344 -140	$\Lambda\Lambda$	..	..	M(Kant $\gamma$ )
3714	Kant $\delta$	+304 -189	$\Lambda\Lambda$	2361	..	M
3715	Zöllner $\epsilon$	+340 -112	$\Lambda\Lambda$	..	..	N(Kant $\epsilon$ )
<u>3716</u>	Descartes	+262 -206	$\phi$ 30	..	..	M
3717	Desc. A	-257 -209	8	2233	..	M
3718	.. C	+276 -191	3	2283	..	M(c)
3719	.. $\alpha$	SWW	$\Lambda\Lambda$	..	..	M
3720	.. $\beta$	nN 3717	A	..	..	M
<u>3722</u>	Dollond	+246 -182	6	2186	1081	Lo.
3723	And. A	+192 -187	8	1989	..	M(Dol.A)
3724	Dol. B	+236 -136	$\phi$ 20	..	..	M(b)
3725	.. C	+223 -123	0 18	..	..	M(c)
3725a	And. H	+195 -116	3	1996	..	Com.
3725b	.. J	+197 -131	3	1999	..	Com.
3725c	.. K	+200 -101	2	2013	..	Com.
3725d	Dol. L	+215 -152	3	2072	..	Com.
3726	.. D	+215 -142	5	2071	..	M
3727	.. E	+267 -178	3	2261	..	M(e)
3728	And. F	+191 -145	6	1985	1082	N(Dol.F)
3728a	.. B	+172 -128	3	1933	..	Com.
<u>3729</u>	Anděl	+211 -182	0 19	..	..	Mül;N(Dol.G)
3729a	And. G	+191 -157	2	1988	..	Com.
3729b	.. D	+200 -187	3	2014	..	Com.
3729c	.. E	+208 -208	3	2044	..	Com.
3729d	.. G	+210 -190	3	2048	..	Com.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3730	Dol. M	+287 -175	3	2315	..	N(m)
*3730a	Kant Z	+295 -180	3	2340	..	Com.
3731a	Dol. $\gamma$	+245 -163	A	2184	..	Com.
3731b	.. $\epsilon$	+253 -161	A	2211	..	Com.
3732	.. $\alpha$	nNW 3724	AA	..	..	M
3733	.. $\beta$	+268 -150	AA	..	..	M
3734	.. $\delta$	NW 3729	AA	..	..	N
3734a	And. $\alpha$	+227 -185	A	2124	..	Com.
*3735	Abulfeda	+235 -241	0 34	(2144)	..	Ric.
*3735a	Abul. Q	+207 -222	2	2041	..	Com.
3735b	.. R	+220 -221	4	2092	..	Com.(Larger of two)
3735c	.. S	+225 -212	3	2116	..	Com.
3735d	.. T	+230 -256	3	2131	..	Com.
3735e	.. U	+233 -225	3	2137	..	Com.
3735f	.. W	+234 -217	3	2141	..	Com.
3735g	.. X	+234 -259	3	2142	..	Com.
3735h	.. Y	+237 -221	3	2159	..	Com.
3735i	.. Z	+254 -254	3	2221	..	Com.
3736	.. A	+180 -283	8	1955	1	M
3736a	.. J	+168 -267	2	1915	..	Com.(Mid.of three)
*3737	.. B	+274 -250	8	2279	..	}M(B)
*3738	.. BA	+281 -254	7	2299	..	
3738a	.. BB	+260 -246	2	2241	..	Com.
3738b	.. BC	+265 -238	2	2254	..	Com.
3739	.. C	+184 -221	9	1969	..	M
3740	.. D	+161 -228	$\phi$ 10	..	..	M(d)
3740a	.. G	+152 -226	3	1861	..	Com.
3740b	.. H	+162 -239	3	1891	..	Com.
3740c	.. L	+180 -243	3	1958	..	Com.(Larger of two)
3741	.. E	+169 -288	4	1920	3	N(e) (Larger of two)
3742	.. M	+202 -279	5	2021	..	N(m)
3743	.. N	+205 -261	7	2032	..	N(n)

3730a is a bright spot and 3735a is in the ct of one.

3735 Sa's 2144 is the ct peak. 3737 and 3738 are contiguous craters.

L.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3743a	Abul. K	+178 -257	5	1953	..	Com.(Mid. of Three)
3743b	.. O	+187 -266	4	1978	..	Com.
3743c	.. P	+194 -267	3	1991	..	Com.
3744	.. F	+218 -279	0 12	2084	2	M(b and c)
3745	.. a	+235 -241	A	2144	..	M(A)
3746	.. $\gamma$	Ew	AA	..	..	M
3747	.. $\delta$	Ww	AA	..	..	M
3748	.. $\epsilon$	nNE 3743	AA	..	..	M
3750	.. Ir	N 3751	\	..	..	M( $\beta$ );N( $\phi$ )
<u>3751</u>	Almanon	+251 -290	0 24	..	..	Ric.
3751a	Alma. E	+225 -307	3	2113	..	Com.
3751b	.. F	+238 -274	3	2160	..	Com.
3751c	.. G	+240 -308	3	2169	..	Com.
3751d	.. H	+249 -326	3	2193	..	Com.
3751e	.. K	+256 -273	4	2229	..	Com.(SW of two)
3751f	.. L	+271 -325	3	2270	..	Com.
3752	.. A	+252 -305	6	2208	..	M
*3753	.. B	+251 -314	0 14	(2199)	..	M(b)
3754	.. C	+265 -278	10	2252	1057	M(c)
3755	.. D	+255 -319	3	2223	..	N(d)
3755a	.. P	+275 -318	0 9	..	..	G
3756	.. a	+280 -280	AA	..	..	M
*3758	Geber $\gamma$	+212 -308	AA	..	..	N(Alma. $\gamma$ )
<u>3759</u>	Tacitus	+313 -280	22	..	..	Ric.
3759a	Taci. F	+289 -294	3	2320	..	Com.
3759b	.. G	+299 -300	3	2348	..	Com.(SE of two)
3759c	.. H	+303 -306	4	2356	..	Com.
3760	.. A	+335 -300	6	2459	..	M
*3761	.. B	+340 -243	7	2476	1192	N(b)
3761a	.. J	+326 -257	3	2431	..	Com.
*3762	.. E	+335 -241	5	2461	..	N(e)
3763	.. C	+330 -237	5	2443	..	M(c)

3753 Sa's 2199 is the ct peak. 3758 Note name.

3761 and 3762 Both included in M $\alpha$ 's b.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3764	Taci. D	+348 -236	Ø 11	..	..	M(d)
3764a	.. K	+334 -227	2	2456	..	Com.
3764b	.. L	+346 -248	2	2499	..	Com.
3764c	.. M	+356 -241	3	2519	..	Com.
3764d	.. O	+362 -241	3	2538	..	Com.
3765	.. N	+319 -292	4	2401	..	N(n)
3766	.. α	ct	Λ	..	..	M( <u>α</u> )
3767	.. β	+320 -246	Λ	..	..	M
3768	.. γ	+306 -246	ΛΛ	..	..	M
3769	.. δ	Sw	Λ	..	..	M
3770	.. λ	N 3760	ΛΛ	..	..	N
<u>3771</u>	Geber	+227 -333	27	2123	..	Ric.
3772	Geb. A	+237 -372	Ø 10	..	..	M
3773	.. B	+212 -326	11	2058	..	M
3774	.. C	+239 -378	5	..	..	N(c)
3774a	.. D	+194 -330	3	1993	..	Com.
3774b	.. E	+211 -351	3	2051	..	Com.
3774c	.. F	+215 -341	3	2070	..	Com.
3775	.. α	ct	Λ	..	..	M( <u>α</u> )
3776	.. β	SE	ΛΛ	..	..	M
3777	Alma. γ	Sw 3755a	Λ	..	..	M
<u>3778</u>	Abenezra	+192 -358	Ø 26	..	..	Ric.
3779	Abez. A	+168 -388	13	..	111	M(a)
3780	.. B	+164 -356	7	1899	14	M(b)
3780a	.. C	+178 -368	φ 24	..	..	G(A)
3780b	.. P	+162 -344	φ 22	..	..	G
3780c	.. E	+155 -360	φ 20	..	..	G
3780d	.. D	+156 -370	4	1875	..	Com.
3780e	.. F	+168 -367	4	1913	..	Com.
3780f	.. G	+179 -350	3	1954	..	Com.
3780g	.. H	+206 -360	3	2035	..	Com.
781	.. α	NEw	Λ	..	..	M

3772 and 3774 are confluent formations.  
3777 Note name.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3782	Abez. $\beta$	Ew 3780a	$\Lambda\Lambda$	..	..	M
<u>3783</u>	Azophi	+205 -378	0 26	..	..	Ric.
3784	Azo. A	+177 -413	$\phi$ 16	..	..	M
3784a	.. B	+170 -399	0 10	..	..	G
3784b	.. C	+210 -371	3	2049	..	Com.
3784c	.. D	+212 -412	5	2056	..	Com.
3784d	.. E	+219 -398	3	2090	..	Com.
3784e	.. F	+222 -379	3	2107	..	Com.
3785	.. $\alpha$	Ew	$\Lambda\Lambda$	..	..	M
3786	.. $\beta$	E 3784d	$\Lambda$	..	..	M
3787	.. $\gamma$	nNNW 3784	$\Lambda$	..	..	M
<u>3788</u>	Sacrobosco	+260 -400	$\phi$ 58	..	..	Ric.
3788a	Sacro. J	+231 -400	3	2133	..	Com.
3788b	.. K	+234 -389	3	2143	..	Com.
3788c	.. L	+236 -432	5	2147	..	Com.
3788d	.. M	+254 -427	3	2219	..	Com.
3788e	.. N	+255 -455	3	2222	..	Com.(Mid.of
3789	.. A	+254 -408	10	2218	..	M
3790	.. B	+266 -407	8	2256	..	M(b)
3791	.. C	+252 -390	7	2204	125	M(c)
3792	.. D	+280 -368	0 22	..	..	M(d)
3793	.. E	+274 -439	$\phi$ 7	..	..	M(e)
3794	.. F	+269 -361	9	2266	..	M
3794a	.. O	+258 -361	3	2238	..	Com.
3794b	.. P	+279 -353	3	2295	..	Com.
3795	.. G	+261 -350	0 12	..	..	M(g)
3795a	.. H	+294 -402	7	2338	..	G(A)
3796	.. $\alpha$	W 3790	$\Lambda$	..	..	M
3797	.. $\beta$	E 3789	$\Lambda$	..	..	M
3798	.. $\gamma$	nNW 3791	$\Lambda\Lambda$	..	..	M
3799	.. $\delta$	nNE	$\Lambda\Lambda$	..	..	M
<u>3800</u>	Fermat	+313 -387	$\phi$ 18	..	..	M

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3801	Ferm. A	+311 -371	0 12	..	..	M
3801a	.. F	+320 -376	3	2403	..	Com.
3802	.. B	+332 -392	5	2448	..	M(b)
3803	.. C	+297 -361	8	..	..	M(c)
3804	.. D	+290 -346	6	..	..	M(d)
3805	.. E	+321 -341	4	2404	..	M
3805a	.. G	+323 -333	4	2420	..	Com.
3806	.. $\alpha$	Ww	$\Delta\Delta$	..	..	M
3807	.. $\beta$	nNNW 3802	$\Delta$	..	..	M
3808	.. $\gamma$	nENE 3805	$\Delta$	..	..	M
<u>3809</u>	Pontanus	+218 -477	$\phi$ 32	..	..	Ric.
3809a	Pontan. J	+197 -501	5	2000	..	Com.
3809b	.. L	+204 -479	3	2031	..	Com.
3809c	.. M	+212 -495	3	2059	..	Com.
3809d	.. Q	+221 -460	3	2103	..	Com.
3809e	.. R	+238 -472	3	2161	..	Com.
3809f	.. T	+249 -488	3	2195	..	Com.
3809g	.. U	+262 -492	3	2247	..	Com.
3809h	.. W	+264 -487	3	2250	..	Com.
3810	.. A	+226 -517	5	2119	..	M
3811	.. B	+235 -512	0 6	..	..	M(b)
3812	.. C	+231 -499	0 18	..	..	M(c)
3812a	.. P	+221 -499	2	2099	..	Com.
3813	.. D	+206 -437	11	2036	234	M(d)
3813a	.. K	+198 -434	5	2007	..	Com.
3813b	.. O	+219 -439	5	2091	..	Com.
3814	.. E	+206 -428	0 8	..	..	M(e)
3814a	.. N	+218 -417	4	2082	..	Com.
3815	.. F	+178 -467	6	1950	1161	M(f)
*3815a	.. Z	+187 -472	$\backslash$	1977	..	Com.
3816	.. G	+227 -511	$\phi$ 9	..	..	N(g)
3817	.. H	+237 -522	0 12	..	..	N(h)

3815a Bright spot.



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3817a	Pontan. S	+247 -523	4	2188	..	Com.
3818	.. a	+206 -492	AA	..	..	M
3818a	.. $\beta$	+183 -478	A	1966	..	Com.
<u>3819</u>	Gemma Frisius	+187 -562	$\phi$ 44	..	..	Ric.
3819a	Ge. Fr. L	+169 -570	3	1916	..	Com.
3819b	.. .. M	+178 -563	3	1952	..	Com.
3819c	.. .. O	+188 -538	3	1981	..	Com.
3819d	.. .. P	+188 -526	2	1983	..	Com.
3820	.. .. A	+220 -584	$\phi$ 24	..	..	M(a)
3820a	.. .. Q	+207 -585	5	2043	..	Com(SW of two)
3820b	.. .. R	+211 -604	3	2053	..	Com.
3820c	.. .. S	+212 -577	3	2061	..	Com.
3820d	.. .. T	+233 -572	4	2136	..	Com.
3821	.. .. B	+242 -581	$\phi$ 20	..	..	M(b)
3821a	.. .. U	+238 -568	4	2164	..	Com.
3822	.. .. C	+264 -583	$\phi$ 20	..	..	M(c)
3823	.. .. D	+156 -564	$\phi$ 14	..	..	M(d)
3823a	.. .. F	+146 -585	5	1841	..	Com.
3824	.. .. E	+176 -605	9	1945	..	M
3824a	.. .. K	+151 -608	5	1858	..	Com.
3824b	.. .. EA	+167 -598	6	1910	..	Com.
3824c	.. .. EB	+185 -601	7	1970	..	Com.
<u>3825</u>	Goodacre	+206 -540	$\phi$ 27	..	..	Wil;M(f)
3825a	Goo. A	+196 -542	5	1998	..	Com.
3825b	.. B	+201 -528	5	2020	..	Com.
3825c	.. C	+207 -534	3	2038	..	Com.
3825d	.. D	+217 -551	4	2081	..	Com.
3825e	.. E	+225 -545	3	2115	..	Com.(S of two)
3826	Ge. Fr. G	+165 -550	$\phi$ 20	..	..	M
3827	.. .. H	+180 -533	$\phi$ 18	..	..	M(h)
3828	.. .. J	+256 -577	$\phi$ 8	..	..	M(i)
3829	.. .. a	nSW 3823	A	..	..	M

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3830	Ge. Fr. $\beta$	+186 -562	A	1974	..	M(B)
3831	.. .. $\gamma$	nS 3825e	A	..	..	M
3832	.. .. $\delta$	nE 3824	AA	..	..	M
<u>3834</u>	Buch	+236 -631	30	..	..	M
3834a	Buch C	+237 -610	0 18	..	..	G(B)
3834b	.. D	+219 -638	4	2088	..	Com.
3834c	.. E	+222 -629	4	2104	..	Com.
3835	.. A	+225 -654	12	..	..	M
3836	.. B	+231 -614	4	2134	..	M(b)
3837	.. $\alpha$	SW 3820b	AA	..	..	M
3838	.. $\beta$	nSE 3845	A	..	..	M
3839	.. $\gamma$	Sw	AA	..	..	M
<u>3840</u>	Büsching	+272 -617	0 30	..	..	M
*3840a	Büsch. A	+274 -620	3	2280	..	Com.
3840b	.. H	+286 -608	2	2313	..	Com.
3842	.. B	+301 -629	9	2351	..	M
3843	.. C	+267 -606	4	2260	..	M
3844	.. D	+288 -630	20	..	..	M(d)
*3844a	.. F	+278 -630	3	2290	..	Com.
3844b	.. G	+284 -636	4	2305	..	Com.(NW of two)
3844c	.. J	+292 -636	3	2329	..	Com.
3845	.. E	+253 -598	7	2215	25	M(e)
<u>3846</u>	Maurolycus	+180 -663	0 65	..	..	Ric.
3846a	Maur. G	+143 -700	3	1827	..	Com.
3846b	.. R	+212 -655	2	2057	..	Com.
3846c	.. S	+218 -670	3	2083	..	Com.
3847	.. A	+178 -688	9	1949	211	M
*3848	.. B	+155 -647	7	1873	(1148)	M
3848a	.. E	+133 -621	3	1788	..	Com.
3849	.. C	+146 -625	4	1843	..	M(c)
3849a	.. H	+142 -619	4	1822	..	Com.
3850	.. D	+173 -631	0 20	..	..	M(d)

3840a Not M's a.

3848 Fr's No. 1148 gives  $\eta = 652$ ; but he took only one measure, not a good one. König has -648

3844a SE one of row.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3850a	Maur. P	+174 -617	3	1939	..	Com.(NE of two)
3851	.. F	+163 -647	φ 18	..	..	N(f)
3852	.. J	+178 -674	4	1948	..	N(i)
3853	.. M	+162 -665	5	..	..	N(m)
3854	.. N	+183 -655	4	1965	..	N(n)
3854a	.. T	+149 -660	5	1853	..	Com.
3854b	.. K	+169 -643	5	1921	..	Com.
3854c	.. L	+185 -669	3	1972	..	Com.
3855	.. α	E 3853	AA	..	..	M
3856	.. β	ct	AA	..	..	M
3857	.. γ	+163 -710	AA	..	..	M
3858	.. δ	nNE 3846b	A	..	..	M
<u>3860</u>	Barocius	+203 -705	φ 39	..	..	Ric.
3860a	Baroc. D	+229 -719	4	2128	..	Com.(NW of two)
* <u>3861</u>	Breislak	+208 -744	φ 22	..	..	S;M(Baroc.a)
3861a	Breis. A	+204 -731	3	2030	..	Com.
3861b	.. B	+211 -738	3	2050	..	Com.
3861c	.. C	+213 -753	3	2063	..	Com.
3861d	.. D	+214 -743	2	2069	..	Com.
3861e	.. E	+220 -741	4	2093	..	Com.
3861f	.. F	+221 -748	4	2101	..	Com.
3861g	.. G	+225 -730	10	2114	..	Com.
3862	Baroc. B	+223 -694	25	..	..	M(b)
3863	.. C	+221 -682	16	..	..	M(c)
3863a	.. M	+247 -674	8	2190	..	Com.(W of two)
3863b	.. N	+247 -684	5	2192	..	Com.
<u>3864</u>	Ideler	+248 -757	19	..	..	S;M(Baroc.d)
3864a	Ide. A	+240 -767	5	2168	..	Com.
3864b	.. B	+241 -773	5	2171	..	Com.
3864c	.. C	+247 -779	3	2191	..	Com.
*3865	Baroc. E	+255 -733	φ 15	..	..	M(e)
3865a	.. EA	+243 +731	8	2178	..	Com.

.3861 In Sa's Catalogue and in C.L., Breislak is identified with No.3889 3865 Mid. one of group.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3866b	Baroc. EB	+254 -727	5	2216	..	Com.
3866c	.. EC	+256 -745	4	2227	..	Com.
3866d	.. ED	+265 -723	3	2251	..	Com.
3866e	.. EE	+270 -737	4	2268	..	Com.
3866	.. F	+257 -716	16	..	..	M(f)
3866a	.. O	+261 -715	3	2246	..	Com.
3867	.. G	+267 -674	14	..	..	M(g);N(h)
3867a	.. S	+275 -675	4	2281	..	Com.
3869	.. J	+258 -703	18	..	..	N(i)
3869a	.. K	+237 -709	8	2158	..	Com.
3869b	.. R	+265 -693	8	2253	..	Com.
3870	Ideler L	+266 -754	φ 14	..	..	N(Baroc.l)
3871	.. M	+284 -753	10	2307	..	N(Baroc.m)
3872 =3995	Pitiscus D	+293 -755	10	2333	..	M(d);N(Baroc.n)
3873	Baroc. α	Ew	AA	..	..	M
3874	.. β	WSW	A	..	..	M
3875	.. γ	SEw 3862	A	..	..	N(β)
3876	Breislak β	Ew	A	..	..	N(Baroc.β)
3877	Clairaut	+166 -737	φ 30	..	..	M
3877a	Clair. M	+165 -722	3	1902	..	Com.
3878	.. A	+168 -756	14	..	..	M(a)
3878a	.. K	+156 -763	6	1872	..	Com.
3879	Baco B	+186 -761	22	1973	..	N(b);M(Clair.b)
*3879a	.. L	+187 -760	3	1979	..	Com.
3879b	.. M	+202 -757	3	2023	..	Com.(NE of two)
3880	Clair. B	+147 -750	φ 22	..	..	N(b)
3880a	.. H	+138 -756	4	1808	..	Com.(W of two)
3881	.. C	+155 -743	10	1871	195	M
*3882	.. D	+166 -735	∞ 6	1906	..	M and N; S(C and D)
3884	.. E	+152 -726	0 16	..	..	M(e)
3884a	.. J	+154 -716	6	1870	..	Com.
3885	.. F	+177 -720	φ 13	..	..	M(f)

3879a nNW of 3879. 3882 Sch. calls the NE part C;  
Sa's 1906 is the SW part, for which the above co-ords  
are given.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3886	Clair. G	+138 -734	3	1805	..	M
3887	.. $\alpha$	Ew 3880	AA	..	..	M
<u>3888</u>	Baco	+205 -777	39	..	..	M
3888a	Baco C	+161 -775	6	1889	..	Com.
3888b	.. D	+175 -784	3	1940	..	Com.
3888c	.. F	+194 -769	3	1992	..	Com.
3888d	.. H	+200 -787	4	2017	..	Com.
3888e	.. O	+210 -788	4	2047	..	Com.
3888f	.. P	+212 -775	2	2060	..	Com.
3889	.. A	+209 -797	20	2046	..	M(a)
3889a	.. T	+200 -807	3	2016	..	Com.
3889b	.. U	+202 -792	3	2024	..	Com.
3889c	.. W	+215 -801	4	2074	..	Com.
3890	.. E	+173 -798	16	..	..	M(e)
3890a	.. G	+172 -813	4	1934	..	Com.
3890b	.. J	+191 -816	10	1987	..	Com.
3890c	.. R	+234 -757	11	2140	192	Com.(N of two)
3890d	.. S	+207 -759	10	2040	191	Com.
3891	.. $\alpha$	SEw	AA	..	..	M
3892	.. $\beta$	Ew	AA	..	..	M
3893	.. $\gamma$	NWw	A	..	..	M
<u>3894</u>	Tannerus	+207 -832	15	2042	..	Ric.
3894a	Tan. A	+169 -843	2	1917	..	Com.
3894b	.. B	+180 -845	8	1959	..	Com.
3895	.. C	+222 -823	8	..	..	N(c)
3896	.. D	+173 -827	16	1936	..	N
3896a	.. H	+226 -811	11	2122	..	Com.
3897	.. E	+188 -830	14	1980	..	N(e)
3898	.. F	+217 -817	0 17	..	..	N(f);G(Tannerus)
3898a	.. G	+163 -820	12	..	..	G(C)
3898b	.. K	+200 -824	4	2015	..	Com.
3898c	.. L	+204 -843	3	2028	..	Com.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3898d	Tan. M	+205 -818	3	2033	..	Com.
3898e	.. N	+229 -827	4	2129	..	Com.
<u>3899</u>	Mutus	+225 -899	46	..	..	Ric.
3899a	Mut. H	+182 -896	10	1962	..	Com.
3899b	.. Q	+236 -885	3	2151	..	Com.
3900	.. A	+233 -897	10	2138	..	M(a)
3901	.. B	+217 -898	9	2078	171	M(b)
3902	.. C	+223 -880	17	..	..	M(c)
3902a	.. L	+199 -881	10	2010	..	Com.
3902b	.. N	+215 -886	4	2073	..	Com.
3903	.. D	+207 -849	12	..	..	M
3903a	.. K	+196 -846	3	1997	..	Com.
3903b	.. M	+212 -858	11	2055	..	Com.
3903c	.. O	+216 -845	6	2076	..	Com.
3903d	.. P	+222 -857	9	2106	1105	Fr(Hom.m)
3904	.. E	+248 -910	9	..	..	M(e)
3905	.. F	+227 -914	18	..	..	N(f);G(B)
3905a	.. G	+223 -922	9	2111	..	Com.
3906	.. a	Ew	A	..	..	M
3907	.. β	Ew 3905	A	..	..	M
<u>3908</u>	Manzinus	+171 -926	0 52	..	168 167	Ric.
3908a	Manz. G	+153 -937	10	1865	..	Com.
3908b	.. J	+160 -916	5	1887	..	Com.
3908c	.. N	+163 -941	8	1894	..	Com.
3908d	.. O	+180 -906	3	1956	..	Com.
3908e	.. P	+185 -926	3	1971	..	Com.
3908f	.. R	+204 -913	10	2029	..	Com.
3908g	.. U	+207 -931	10	2039	..	Com.
3909	.. A	+175 -932	φ 13	..	..	M
*3910	.. B	+162 -892	0 17	..	..	M(b);N(Kinaw b)
3910a	.. F	+148 -898	9	1849	..	Com.
3910b	.. K	+156 -893	6	1876	..	Com.

3910 Also numbered 3372.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3910c	Manz. L	+167 -901	11	1908	..	Com.
3910d	.. M	+173 -895	3	1937	..	Com.
3911	.. C	+126 -938	10	..	..	M(c)
3912	.. D	+145 -935	14	..	..	N(c)
3912a	.. E	+154 -933	9	1868	1146	Fr(A)
3913	.. $\beta$	Nw 3912	A	..	..	N;M(a)
<u>3915</u>	Demonax	-169 -980	0 60	..	151 155	S;Fr(Jungnitz)
3915a	Demo. A	+170 -983	11	..	152	Fr(Jungnitz A)
*3915b	.. E	+120 -982	0 35	..	..	Com.
<u>3916</u>	Boguslawsky	+203 -956	0 50	..	157 162	M
3916a	Bogu. F	+202 -967	14	2022	..	Com.
3917	.. A	+188 -962	4	..	..	M
3917a	.. G	+181 -948	12	1960	..	Com.
3918	.. B	+252 -955	14	..	..	M(b)
3918a	.. E	+220 -962	12	2096	..	Com.
3919	.. C	+152 -945	18	1862	..	M(c)
3919a	.. H	+145 -956	10	1840	..	Com.
3919b	.. J	+148 -952	18	1848	..	Com.
3919c	.. D	+218 -956	13	2085	160	Fr(A)
3920	.. $\alpha$	SEW	AA	..	..	M
<u>3923</u>	Boussingault	+273 -942	0 45	..	161 165	M
3924	Bous. A	+255 -946	$\phi$ 40	..	..	N(a)
3924a	.. P	+230 -932	8	2132	..	Com.
3925	Helmholtz A	+338 -902	10	2472	1066	M(Bous.A)
3926	Bous. B	+295 -910	0 35	..	..	M(b)
3927	Helm. D	+326 -916	0 21	2430	169	M(Bous.d)
3928	.. F	+375 -900	30	..	..	M(Bous.f)
3929	.. G	+428 -880	20	2680	172	M(Bous.G)
3930	.. H	+390 -902	8	2611	..	M(Bous.h)
3930a	.. J	+396 -905	13	2619	170	Fr(h)
<u>3931</u>	Neumayer	+306 -947	0 40	..	1068	S;N(Bous.i)
3931a	Neum. M	+310 -950	18	..	163	Com.

3915b is neither Sch's Bogus. e, which is quite indefinite, nor that of M and N, which is also indistinct.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
<u>3932</u>	Helmholtz	+332 -925	0 60	..	..	S;M(Bous.c)
3932a	Helm. B	+351 -925	5	2510	..	Com.
3933	Bous. E	+272 -923	φ 44	..	..	M(e);S(Janssen)
3934	.. M	+268 -952	0 25	..	..	N(m)
3935	.. N	+281 -948	10	..	1069	N(n)
*3936	.. P	+272 -921	3	..	..	[N(p)]
3936a	.. K	+278 -933	15	2294	164	Fr(k)
3936b	.. R	+326 -902	7	2429	1070	Fr(r)
3936c	.. S	+320 -900	10	2402	1071	Fr(s)
3936d	.. T	+311 -891	10	2372	1072	Fr(t)
3936e	.. D	+315 -895	4	2386	..	Com.
3937	.. C	+313 -907	12	2383	1067	S(g)
3938	.. α	SW to Ew	AA	..	..	M
3939	.. β	Sw 3924	A	..	..	M(B)
3940	Neumayer γ	Nw;SW <u>3932</u>	A	..	..	M(Bous.Γ)
<u>3941</u>	Hagecius	+372 -861	0 42	..	..	Ric.
3942	Hage. A	+395 -843	φ 20	..	..	M(a)
3943	.. B	+378 -866	20	..	..	M(b);N(A)
3944	.. C	+368 -867	10	..	..	M(c)
3945	.. D	+399 -836	9	..	..	M(d)
3946	.. E	+338 -893	0 26	..	..	M
3947	.. K	+381 -876	18	..	..	M
3948	.. J	+389 -888	6	..	..	M(i)
3948a	.. L	+394 -879	3	2615	..	Com.
3949	.. α	NWw	A	..	..	M
<u>3950</u>	Nearch	+331 -852	0 44	..	..	M
3951	Near. A	+321 -867	20	2408	..	M(a)
3952	.. B	+289 -872	20	..	..	M(b)
3953	.. C	+273 -883	19	2276	..	M(c)
3954	.. D	+332 -838	4	..	..	M(N of two)
3954a	.. E	+268 -878	6	2264	..	Com.
3954b	.. F	+280 -891	4	2297	..	Com.

3936 Is not N's p which is indefinite. This crater is within No.3933.



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3954c	Near. G	+288 -893	3	2317	..	Com.
3956	.. a	Sw	A	..	..	M(A)
<u>3957</u>	Rosenberger	+387 -818	Ø 50	..	..	M
3957a	Rosen. F	+364 -829	3	2544	..	Com.
3958	.. A	+437 -803	25	..	..	M(a)
3959	.. B	+444 -787	17	2703	..	M
3960	.. C	+411 -792	30	..	..	M(c);N(C)
3961	.. D	+372 -843	35	..	..	M;S(Peters)
*3962	.. E	+349 -860	6	2504	..	N(e)
3963	.. β	S 3959	A	..	..	M
3964	.. N	+403 -812	3	..	..	N(n)
3965	.. S	+380 -826	8	..	..	N(s)
3965a	.. G	+391 -808	4	2612	..	Com.
3965b	.. H	+417 -818	Ø 5	2656	..	Com.(SW of two)
3965c	.. K	+429 -814	9	2683	..	Com.
3966	.. a	ct	A	..	..	M(A)
<u>3967</u>	Vlacq	+372 -802	Ø 48	..	..	M
3968	Vla. A	+394 -779	9	2616	..	M(a)
3969	.. B	+403 -776	8	..	..	M(b)
3970	.. C	+406 -769	9	..	..	M(c)
3971	.. D	+390 -751	15	2610	..	M
3972	.. E	+364 -788	5	2543	..	N(e)
3972a	.. K	+374 -779	5	2564	..	Com.
3972b	.. H	+384 -742	5	2591	..	Com.
*3974	Lockyer F	+402 -737	12	2628	..	M(Vl. f)
3975	Vla. G	+357 -816	φ 10	..	..	M(g)
3977	.. a	+372 -801	AA	2561	181	M(A)
3978	.. β	Ew	A	..	..	M
3979	.. γ	SWw 3971	A	..	..	M
3980	.. δ	nNE 3965a	AA	..	..	M
<u>3981</u>	Hommel	+320 -820	φ 75	..	..	Ric.
*3982	Hom. A	+328 -805	25	(2435)	..	M(a)

3962. M's e is the larger indefinite formation on whose SW this crater lies.

3974 Also numbered 4481.

3982 Sa's 2435 is a crater E ct Hom. A.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Autho
3983	Hom. B	+343 -818	20	..	..	M
3983a	.. Q	+347 -826	16	..	..	S(B')
3983b	.. R	+329 -794	5	2440	..	Com.
3984	.. C	+292 -818	34	..	..	M(c)
3985	.. D	+304 -832	17	..	..	M(d)
3985a	.. J	+279 -803	11	2292	180	Fr(i)
3985b	.. K	+257 -824	9	2232	1103	Fr(k)
3985c	.. L	+261 -830	10	2245	1104	Fr(l)
<u>3986</u>	Asclepi	+248 -814	25	..	..	S;M(Hom)
3986a	Ascl. A	+235 -798	7	2145	..	Com.
3986b	.. B	+237 -810	8	2153	..	Com.
3986c	.. C	+237 -802	5	2155	..	Com.
3986d	.. D	+243 -804	10	2180	..	Com.
3986e	.. E	+251 -789	3	2201	..	Com.
3986f	Hom. E	+265 -857	8	2255	..	Com.
3987	.. F	+277 -852	10	2285	..	M(f)
3988	.. G	+245 -848	12	..	..	M(g)
3988a	.. M	+232 -864	3	2135	..	Com.
3988b	.. N	+246 -860	8	2187	..	Com.
3988c	.. O	+247 -853	3	2189	..	Com.
3989	.. H	+312 -794	0 28	..	..	M(h)
3989a	.. P	+292 -838	0 20	..	..	G(d)
3990	.. a	Sw	AA	..	..	M
* <u>3991</u>	Pitiscus	+327 -769	48	..	(1159)	Ric.
3992	Piti. A	+328 -768	6	2436	1159	M;Fr(b)
3993	.. B	+341 -740	12	2481	..	M
3994	.. C	+321 -734	10	..	..	M(c)
*3995	.. D	+293 -755	10	2333	..	M(d);N(
3995a	.. J	+297 -745	3	2344	..	Com.
3996	.. E	+311 -776	6	..	..	M(e)
3997	.. F	+337 -730	10	..	..	M
3997a	.. G	+287 -739	10	2316	1160	Fr(g)

3991 Fr's 1159 is the ct peak Pitiscus. 3995 Also numbered

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
3997b	Piti. H	+315 -788	5	2380	..	Com.
3997c	.. K	+344 -723	10	2491	..	Com.
3997d	.. L	+347 -779	4	2500	..	Com.
3998	.. $\alpha$	nN 3996	$\Lambda$	..	..	M
3999	.. $\beta$	+293 -778	$\Lambda\Lambda$	..	..	M
4000	.. $\gamma$	+355 -763	$\Lambda\Lambda$	..	..	M
4001	.. $\delta$	NK 3997d	$\Lambda$	..	..	N
<u>4002</u>	Dove	+353 -730	0 27	..	..	S
4002a	.. A	+377 -730	7	2574	..	Com.(N of two)
<u>4003</u>	Nicolai	+323 -674	20	2413	..	M
4003a	Nicai. D	+323 -666	3	2417	..	Com.
4003b	.. E	+324 -651	6	2424	..	Com.
4004	.. A	+296 -675	9	2341	103	M
4005	.. B	+312 -684	8	2376	..	M(b)
4006	.. C	+347 -695	14	..	..	M(c)
4006a	.. L	+311 -697	6	2371	..	Com.
4006b	.. M	+358 -675	5	2527	..	Com.
4006c	.. N	+365 -661	8 3	2547	..	Com.(S of two)
<u>4008</u>	Spallanzani	+285 -721	20	..	..	S;M(Nicai.E)
4008a	Spal. O	+336 -714	8	..	..	G
4008b	.. A	+299 -722	3	2349	..	Com.
4009	.. F	+328 -720	12	..	..	M(Nicai.f)
4010	Nicai. G	+279 -680	5	2293	..	M
4011	.. H	+327 -688	7	..	..	N(h)
4012	.. K	+345 -684	0 16	..	..	N(k)
4013	.. Z	+278 -650	7	..	..	N(z)
4013a	.. J	+286 -651	4	2311	..	Com.
4014	.. $\alpha$	+317 -650	$\Lambda$	..	..	M
4016	.. $\delta$	Ew	$\Lambda\Lambda$	..	..	N
<u>4017</u>	Riccius	+355 -602	0 40	..	..	Ric.
4017a	Riciu. T	+341 -592	3	2479	..	Com.
4018	.. A	+374 -586	12	..	..	M

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4019	Riciu. B	+371 -612	10	..	..	M(b)
4020	.. C	+390 -592	12	..	..	M(c)
4020a	.. Y	+395 -585	5	2618	..	Com.
4021	.. D	+369 -648	10	2554	..	M(d)
4022	.. E	+342 -642	14	2484	216	M
4022a	.. N	+349 -658	8	2506	..	G
4023	.. F	+383 -624	4	..	..	M(f)
4024	.. G	+324 -623	7	2423	..	M(g)
4025	.. H	+359 -579	10	..	..	N(h);S(A)
4026	.. M	+353 -614	8	2514	1172	N(m)
4026a	.. J	+333 -652	6	2450	..	Com.
4026b	.. K	+336 -631	3	2463	..	Com.
4026c	.. L	+338 -662	4	2467	..	Com.
4026d	.. O	+375 -590	5	2269	..	Com.
4026e	.. P	+383 -584	6	2587	..	Com.
4026f	.. R	+383 -661	3	2589	..	Com.
4028	.. S	+354 -604	3	..	..	N(s)
4029	.. $\alpha$	Ew	AA	..	..	M
4030	.. $\beta$	Sw 4025	AA	..	..	M
4031	.. $\gamma$	+374 -638	AA	..	..	M
<u>4032</u>	Rabbi Levi	+330 -570	0 42	..	..	Ric.
4032a	Rab.Le. O	+344 -583	3	2493	..	Com.(NW of two)
4033	.. A	+319 -564	8 6	2398	..	M(a) (NE of two)
4033a	.. L	+322 -569	8 7	2410	1163	Fr(a) (SW of two)
4034	.. B	+346 -566	8	..	..	M(b)
4035	.. C	+375 -563	13	..	..	M(c)
*4037	.. D	+316 -579	5	2390	..	M(d)
*4037a	.. M	+322 -577	5	2411	..	Com.
4037b	.. N	+323 -594	8 4	2415	..	Com.(SW of two)
4037c	.. P	+358 -567	8 7	2526	..	Com.(N of two)
4037d	.. Q	+363 -555	4	2540	..	Com.
4037e	.. R	+388 -562	8 6	2604	..	Com.(SW of two)

4037 and 4037a are the E and NW members of a triangular group of three.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4038	Rab.Le. E	+303 -597	0 22	..	..	M(e)
4038a	.. J	+306 -610	3	2366	..	Com.
4039	.. F	+284 -589	7	2306	..	M(f)
4039a	.. H	+278 -594	4	2289	..	Com.
4040	.. G	+301 -603	φ 10	..	..	N(g)
4041	Celsius H	+286 -557	3	2314	..	N(Rab. Le. h)
4041a	Cels. B	+277 -568	3	2286	..	Com.
4041b	.. C	+299 -557	2	2346	..	Com.(E of two)
4043	Rab.Le. δ	nE 4033	AA	..	..	N
4044	.. α	NWw	AA	..	..	M
<u>4045</u>	Celsius	+285 -558	φ 24	..	..	S
4045a	Cels. A	+294 -544	7	2339	..	Com.(W of three)
<u>4046</u>	Zagut	+317 -530	0 40	..	..	Ric.
4046a	Zag. S	+323 -551	3	2416	..	Com.
4047	.. A	+313 -531	7	2381	227	M(a)
4047a	.. R	+304 -512	3	2360	..	Com.
4048	.. B	+272 -532	18	..	..	M(b)
4048a	.. O	+241 -545	8 6	2172	..	Com.(SE of two)
4048b	.. P	+253 -536	7	2214	..	Com.
4049	.. C	+273 -514	0 18	..	..	M(c)
4050	.. D	+283 -522	8	2304	..	M(d)
4051	.. E	+335 -525	16	..	..	M(e)
4051a	.. F	+261 -505	5	2244	..	Com.
4051b	.. H	+308 -501	4	2368	..	Com.(NW of three)
4051c	.. L	+325 -505	6	2426	..	Com.(Mid.of three)
4051d	.. K	+322 -526	3	2409	..	Com.
4051e	.. M	+334 -512	8 3	2454	..	Com.(E of two)
4051f	.. N	+342 -519	4	2485	..	Com.
<u>4052</u>	Lindenau	+353 -535	30	..	..	M
4052a	Lind. A	+348 -550	3	2502	..	Com.
<u>4053</u>	Rothmann	+400 -514	25	..	..	S;M(Lind.A)
4053a	Roth. A	+405 -492	4	2633	..	Com.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4054	Roth. B	+405 -527	12	2636	..	M(Lind.b)
4055	.. C	+372 -479	9	2562	..	M(Lind.c)
4055a	.. D	+341 -486	6	..	..	S(d)
4055b	.. E	+411 -544	6	2645	..	Com.
4055c	.. F	+411 -488	3	2647	..	Com.
4056	Lind. D	+365 -507	5	2548	..	M(d)
*4057	.. E	+380 -525	4	2579	..	M(e)
4058	.. F	+376 -535	5	..	..	N(f)
4058a	.. G	+384 -548	5	2592	..	Com.
4059	.. α	Ew	AA	..	..	M
4060	.. β	nW 4051	AA	..	..	M
4061	.. δ	ct	A	..	..	N(Δ)
<u>4062</u>	Stiborius	+439 -565	25	..	..	Ric.
4063	Stib. A	+465 -600	17	2725	..	M
4063a	... B	+440 -606	5	2700	..	Com.
<u>4064</u>	Wöhler	+410 -619	14	2644	..	S;M(Stib.B)
4064a	Wöhl. A	+399 -612	4	2626	..	Com.
4064b	.. B	+408 -605	5	2640	..	Com.
4064c	.. C	+408 -598	5	2641	..	Com.
4064d	Stib. F	+436 -585	4	2695	..	Com.
4064e	.. G	+466 -606	4	2726	..	Com.
4065	.. C	+456 -559	12	..	..	M
4066	.. D	+488 -548	⊗ 10	..	..	M(NE of two)
4067	.. E	+463 -570	⊗ 10	..	..	M(e) (NW of two)
4068	.. α	ct	A	..	..	M(A)
4069	.. β	nESE 4067	AA	..	..	M
4070	.. γ	SSW 4055b	AA	..	..	M
4071	.. δ	nNE 4063	AA	..	..	M
4072	.. ε	+456 -540	AA	..	..	M
4073	.. η	Ew	A	..	..	N(γ)
<u>4074</u>	Piccolomini	+463 -496	46	..	..	Ric.
4075	Picco. A	+453 -444	10	..	..	M

4057 In Sa's catalogue his 2579 is called Lind. f.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4076	Picco. B	+457 -433	0 6	..	..	M(b)
*4077	.. C	+457 -468	0 14	..	..	M(c)
4078	.. D	+477 -453	9	2736	108	M(d)
4079	.. E	+473 -440	10	2735	..	M(e)
*4080	.. F	+468 -450	30	..	..	M(f)
*4081	.. G	+507 -458	φ 10	..	..	M(g);O(K)
4082	.. H	+414 -468	4	..	..	M(h)
4083	.. M	+467 -468	14	2731	109	N(m)
4083a	.. K	+447 -433	4	2705	110	Com.
4083b	.. L	+499 -440	6	2757	107	Com.
4083c	.. S	+480 -523	0 15	..	..	G
4083d	.. N	+394 -459	4	2614	..	Com.
4083e	.. O	+455 -450	6	2714	..	Com.
4083f	.. P	+506 -508	5	2763	..	Com.
4084	.. Ir	fr SWw 4421	/	..	..	N(η)
4085	.. α	Ew	Λ	..	..	M
4086	.. β	SEw	Λ	..	..	M
4087	.. γ	nSSW 4083	ΛΛ	..	..	M
4088	.. δ	+462 -495	ΛΛ	..	230	M(Δ)
4089	Weinek(4419) δ	+522 -438	ΛΛ	..	..	M(Pic.δ);G(G)
4090	Picco. θ	SSEw	Λ	..	..	M
4091	.. ι	Ww	ΛΛ	..	..	M
4092	.. η	nE 4082	Λ	..	..	M
4094	.. IIr	fr NEw	\	..	..	M(ε)
4095	.. IIIr	fr 4111	\	..	..	N(ζ)
4095a	.. IVr	fr SEw	/	..	..	N(ψ)
<u>4096</u>	Pons	+330 -429	φ 22	..	..	M
4097	.. A	+306 -459	7	2364	..	M(a)
4097a	.. L	+317 -462	4	2392	..	Com.
4098	.. B	+311 -481	8	2373	115	M(b);G(A')
4099	.. C	+339 -468	φ 10	..	..	M(c)
4100	.. D	+340 -431	10	..	..	M(d);G(A)

4077 Is a group of 3 confluent formations; the co-ords given are of the SW one. 4080 Is a valley or irregular formation. 4081 Also 4426 in C.L.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Author
4101	Pons E	+354 -432	φ 16	..	..	M(e)
4102	.. F	+331 -403	6	2445	..	M(f)
4102a	.. G	+321 -475	3	2407	..	Com.
4102b	.. H	+338 -454	5	2468	..	Com.
4102c	.. J	+342 -421	3	2486	..	Com.(N of
4102d	.. K	+344 -460	4	2494	..	Com.
4102e	.. M	+364 -457	6	2546	..	Com.
*4102f	Wilkins	+295 -495	φ 49	..	..	Mil;G(S)
4103	Pons α	NW 4097	ΛΛ	..	..	M
4104	.. β	NW 4102d	ΛΛ	..	..	M
4105	.. γ	SW 4098	Λ	..	..	M
4106	Altai Mts.	+350 -410	ΛΛ	..	..	M
4107	Polybius	+400 -383	0 20	..	..	M
4108	Polyb. A	+433 -391	10	2689	47	M
4109	.. B	+389 -431	7	2607	114	M
4110	.. C	+373 -377	φ 15	..	..	M(c)(NW of
4110a	.. G	+357 -383	3	2524	..	Com.
4110b	.. J	+368 -387	5	2553	..	Com.
*4111	.. D	+418 -452	4	2657	..	[M(d)]
4112	.. E	+402 -413	4	2630	..	M(e)
4112a	.. F	+353 -380	φ 12	..	..	G(D) (SE of
4112b	.. H	+361 -362	0 4	2530	..	Com.
4112c	.. K	+376 -413	8	2571	..	Com.
4112d	.. L	+438 -374	3	2697	..	Com.
4112e	.. s	+423 -357	Λ	2667	..	Com.(NE of
4112f	.. ε	+447 -367	Λ	2704	..	Com.(SW of
4113	.. α	Nw	Λ	..	..	M
4114	.. β	+382 -450	Λ	..	..	M
4115	.. γ	+348 -402	Λ	..	..	M
4116	Cath. ζ	+332 -336	ΛΛ	..	..	S(Altai z)
4117	Fracastor	+505 -363	φ 50	..	..	Ric.
4118	Frac. A	+542 -413	9	2798	..	M

4102f Extends fr 4098 to 4050.

4111 This crater is substituted for M and N's less definite d.



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4119	Frac. B	+560 -384	14	2814	..	M(b);Lam(Vout-zinas)
4120	.. C	+516 -416	8	2774	..	M(c)
4121	.. D	+478 -372	0 20	..	..	M(d)
4122	.. E	+482 -342	9	..	..	N(e)
4124	.. G	+580 -362	10	..	..	M(g)
4126	.. Y	+486 -392	0 20	..	..	N(y) (A triple formation)
4126a	.. H	+475 -355	15	..	..	S(d)
4126b	.. J	+557 -355	6	2816	..	Com.
*4127	.. L	+514 -354	2	..	..	G(A);[N]
*4127a	.. M	+506 -373	2	..	..	[N]
4127b	.. K	+516 -430	0 10	..	..	G
4127c	.. N	+514 -394	5	2772	..	G
4128	.. α	nS 4121	ΛΛ	..	..	M
4129	.. β	nN 4121	ΛΛ	..	..	M
4130	.. γ	nS 4122	ΛΛ	..	..	M
4131	.. δ	+496 -336	Λ	..	..	M
4132	.. ε	Ew 4126a	Λ	..	..	M
4133	.. ζ	N 4079	ΛΛ	..	..	M
4134	.. η	nS 4126b	Λ	..	..	M(H)
4136	.. ι	nNE 4118	ΛΛ	..	..	N
4138	.. χ	SWW	Λ	..	..	N
<u>4143</u>	Rosse	+545 -307	6	2804	89	N;S(Beer)
<u>4145</u>	Daguerre	+545 -200	0 20	..	..	Kr;S(u);G(P)
4145a	Dague. A	+534 -211	3	..	..	G
*4145b	.. B	+545 -187	2	2803	..	Com.
4148	Rosse C	+536 -318	2	..	..	N(c)
4149	.. α	+554 -299	Λ	..	..	N
*4150	Bohn. ε	+575 -275	Λ	..	..	M;N(Rosse ε)
<u>4153</u>	Mare Nectaris	+540 -250	+	..	..	Ric.
<u>4154</u>	Beaumont	+457 -310	0 30	..	..	M
4155	Beau. A	+448 -280	5	..	..	M
4156	.. B	+428 -321	9	2679	1060	M

4127, 4127a These seem to be the largest of N's 11 craters in Fracastor. 4145b Bright spot or hill.

4150 Also numbered 4370.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4156a	Beau. C	+440 -346	3	2701	..	Com.
4157a	.. G	+428 -348	4	2681	..	Com.
4157b	.. H	+454 -296	3	2713	..	Com.
4157c	.. K	+477 -300	3	2738	..	Com.
*4157d	.. L	+485 -249	2	2742	..	Com.
4158	.. D	+422 -294	θ 6	2665	15	N(SW of two)
4158a	.. E	+437 -323	9	..	..	G
4158b	.. F	+426 -314	5	2674	..	G
4159	.. α	+430 -308	Λ	..	..	M
4160	.. β	SEw	Λ	..	..	M
4161	.. γ	nNW	ΛΛ	..	..	M
4163	.. ζ	nN 4158	Λ	..	..	M
4164	.. κ	+464 -274	Λ	..	..	S(p)
4164a	.. η	+470 -240	Λ	..	..	S(p)
4165	.. σ	+466 -250	Λ	..	..	S(s)
4166	.. Ir	w 4165		..	..	S(r)
<u>4167</u>	Catharina	+378 -310	0 60	..	..	Ric.
4167a	Cath. H	+405 -330	3	2635	..	Com.
4168	.. A	+357 -345	7	2522	..	M
4169	.. B	+394 -292	14	..	..	M(b)
4170	.. C	+387 -350	20	..	..	M(c)
4170a	.. F	+370 -334	4	2557	..	Com.
4170b	.. K	+381 -343	4	2580	..	Com.
4170c	.. L	+384 -358	2	2590	..	Com.
4171	.. D	+350 -292	8	..	..	M(d)
4171a	.. E	+347 -295	4	2501	..	Com.
4171b	.. S	+377 -325	8	..	..	G
4172a	.. P	+375 -295	0 24	..	..	G
4173	.. α	+400 -305	Λ	..	..	M
4173a	.. δ	+379 -305	Λ	2578	..	Com.
4174	.. β	+357 -300	Λ	..	..	M
4174a	.. ε	+403 -317	Λ	2632	..	Com.

4157d Within dark spot.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4175	Cath. $\gamma$	+380 -310	A	..	..	M
<u>4176</u>	Cyrillus	+398 -230	0 50	..	..	Ric.
4177	Cyr. A	+381 -238	8	2582	237	M
4178	.. B	+362 -202	18	2539	..	M(b)
4179	.. C	+358 -214	6	2529	..	M
4180	.. D	+420 -255	$\phi$ 6	..	..	M(d)
4181	.. E	+412 -274	6	2649	1079	M(e)
4182	.. F	+417 -265	$\phi$ 26	..	..	G;S(B)
4183	.. G	+432 -270	5	2688	1080	S(c);G(c)
4184	.. M	+402 -192	5	..	..	N(m)
4184a	.. U	Thro' Nw		..	..	N(u)
4185	.. $\sigma$	+398 -180	AA	..	..	N(s)
*4186	.. $\alpha$	+399 -230	A	2625	..	M;S( $\delta$ )
4187	.. $\beta$	nN 4180	AA	..	..	M
4188	.. $\gamma$	nSW 3177	A	..	..	M
4190	.. $\epsilon$	E 4182	AA	..	..	M
4191	.. $\chi$	+395 -170	AA	..	..	M
*4193	.. Ir	fr Sw 4177		..	..	N( $\xi$ )
*4194	.. IIR	W to SE ct	∪	..	..	N( $\psi$ )
<u>4195</u>	Theophilus	+435 -199	58	..	..	Ric.
*4196	Theol. $\alpha$	+433 -201	AA	2692	..	M( $\Delta$ )
4197	.. $\beta$	Ww;E 4222	A	..	..	M
4198	.. $\gamma$	ESEw	A	..	..	M
4199	.. $\delta$	+437 -143	A	..	..	M( $\Delta$ )
4200	.. $\epsilon$	+412 -116	A	..	..	M( $\Xi$ )
4201	.. $\eta$	+459 -160	A	..	..	M
4202	.. $\theta$	+454 -230	AA	..	..	M
4203	.. $\lambda$	+460 -220	A	..	..	M
4204	.. $\mu$	NWw	AA	..	..	N
4205	.. $\kappa$	nSE 4220	A	..	..	N(K)
4206	.. $\chi$	W 4184	A	..	..	N
4207	.. $\zeta$	+435 -230	A	..	..	N( $\epsilon$ )

4186 Consists of 3 peaks; the co-ords. refer to the S point of the mid. one: Sa's 2622 and 2634 give the 2 others.

4193 Short. 4194 curved. 4196 The co-ords. are of the SE peak.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4208	Theol. $\nu$	+456 -190	A	..	..	N
4209	.. $\kappa$	Nw;E 4204	A	..	..	N
4210	.. $\omega$	+418 -212	A	..	..	N
*4217	.. P	+414 -205	∥	..	..	Com.
4220	.. B	+419 -184	4	2658	..	M
4221	.. C	+440 -248	5	..	..	M(c)
4222	Mädler	+487 -191	17	2746	240	S;M(A)
4222a	.. A	+490 -165	2	2749	..	Com.
*4223	.. $\zeta$	+534 -203	A	2787	..	N;M(Theol. $\zeta$ )
4224	Torricelli	+475 - 84	0 16	..	..	M
4225	Tor. A	+495 - 79	6	2755	1193	M
4226	.. B	+487 - 45	4	2745	..	M
4227	.. C	+438 - 47	6	2696	1194	M
*4227a	.. D	+453 - 31	4	2709	..	Com.
4228	.. F	+488 - 75	4	..	..	N(f)
4228a	.. G	+453 - 25	2	2710	..	Com.
4229	.. $\alpha$	+485 -105	A	..	..	M
4230	.. $\beta$	+449 -108	A	..	..	M
4231	.. $\gamma$	+450 - 50	A	..	..	M
4232	.. $\delta$	+443 - 22	AA	..	..	M
4232a	.. $\eta$	+431 - 86	A	2685	..	Com.
4233a	.. $\zeta$	+461 - 23	A	2719	..	Com.
4234	.. Ir	out Ew		..	..	N( $\phi$ )
*4235	Censorinus	+540 - 7	3	2795	31	Ric.
4236	Cens. A	+545 - 7	4	2802	..	M(a)
4237	.. B	+521 - 35	4	2778	..	M;G(Censorinus)
4238	.. C	+562 - 53	0 22	..	..	M(c);G(P)
4239	.. D	+586 - 33	5	2823	..	M(d)
4240	.. E	+571 - 63	6	..	..	M(e)
4241	.. F	+607 - 55	7	2836	..	M(f)
4243a	.. H	+555 - 32	6	2810	..	Com.
4244	.. N	+598 - 35	$\phi$ 20	..	..	N(n)

4217 This valley is NE of Ne's  $\phi$  or  $\psi$ .

4223 This peak is on the SEW of Daguerre (4145) and may be called Daguerre  $\zeta$ .

4227a Bright spot.

4235 Appears to be mainly a bright spot.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4245	Cens. S	+589 - 68	10	..	..	N(s)
4246	.. $\beta$	NE 4239	$\Lambda$	..	..	M;N( $\lambda$ )
4247	.. $\alpha$	+540 - 40	$\Lambda\Lambda$	..	..	M and S
4249	.. $\gamma$	+516 - 31	$\Lambda$	..	..	M
4250	.. $\epsilon$	SWW 4244	$\Lambda$	..	..	N;M( $\zeta$ )
4251	.. $\zeta$	NEW 4244	$\Lambda$	..	..	N
<u>4254</u>	Messier	+738 - 33	8	2867	95	M
* <u>4255</u>	W.H.Pickering	+730 - 35	8	2866	96	Com;M(A)
4256	Messr. B	+743 - 15	5	2868	1149	M(b)
4257	.. D	+722 - 62	4	..	1150	N(d)
4258a	.. G	+794 - 94	8	..	97	Fr(g)
4259	.. $\alpha$	NNW 4329	$\Lambda$	..	..	M( $\underline{A}$ )
4260	.. Ir	nN 4259	—	..	..	N( $\phi$ )
<u>4261</u>	Lubbock	+666 - 68	0 10	..	..	N;M(Messr.C)
4262	Lubb. D	+629 - 78	5	..	..	N;M(Messr.D)
4264	.. G	+632 - 64	6	2849	..	N(g);M(Messr.g)
4264a	.. H	+668 - 50	5	..	..	G
4265	.. $\beta$	+647 - 25	$\Lambda\Lambda$	..	..	N;M(Messr. $\beta$ )
4266	.. $\delta$	nNW 4262	$\Lambda\Lambda$	..	..	N;M(Messr. $\delta$ )
4267	.. $\epsilon$	+683 - 75	$\Lambda\Lambda$	..	..	N;M(Messr. $\epsilon$ )
4268	.. $\lambda$	nE 4267	$\Lambda\Lambda$	..	..	N
4269	.. $\gamma$	+663 + 1	$\Lambda$	..	..	S
4270	.. Ir	W 4265	\	..	..	M and N ( $\gamma$ )
4272	.. Iir	fr nW 4250	\	..	..	N( $\phi$ )
4273	.. M	+627 - 13	$\phi$ 13	..	..	N(m)
*4274	.. N	+640 - 30	$\phi$ 25	..	..	Com.
<u>4275</u>	Capella	+567 -133	26	..	..	Ric.
4276	Capel. $\alpha$	+568 -131	$\Lambda\Lambda$	2817	..	M( $\underline{A}$ )
4277	.. $\beta$	SWW	$\Lambda\Lambda$	..	..	M
4278	.. $\gamma$	Nw	$\Lambda\Lambda$	..	..	M
4279	.. $\delta$	SEW	$\Lambda\Lambda$	..	..	M
4280	.. Ir	fr W 4240	\	..	..	M( $\zeta$ )

4255 Kr. gave this name to No.2609, but the present formation is considered more suitable.

4274 Not Ne's n, which is insignificant, but a much larger formation nSW of it; 4265 forms its WW.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4281	Capel. IIr	fr SW 4289	\	..	..	M(7)
4282	.. IIIr	fr SW 4289	\	..	..	M(8)
4283	.. A	+599 -133	7	2830	..	M
*4284	.. B	+591 -164	3	2825	..	M
*4284a	.. J	+581 -164	5	2822	..	Com.
4285	.. C	+591 -100	6	2824	..	M
4285a	.. F	+572 -159	7	2819	..	Com.
4285b	.. G	+596 -119	6	2828	..	Com.
4285c	.. H	+601 -142	5	2833	..	Com.
4286	Isid. D	+559 - 74	9	2813	28	M(Capel.D)
4287	Capel. D	+605 -118	5	..	..	M(d)
4288	.. E	+606 -131	0 9	..	..	M(e)
4289	.. M	+600 - 77	6	2831	..	N(m)
4290	.. N	+615 - 96	0 16	..	..	N(n)
<u>4291</u>	Isidorus	+543 -140	φ 25	..	..	Ric.
4292	Isid. A	+542 -139	6	2799	1114	N
4293	.. B	+544 - 82	φ 30	..	..	M
4294	.. C	+522 - 89	0 18	..	..	M(c)
4294a	.. G	+521 -111	4	2779	..	Com.
4294b	.. H	+538 - 68	4	2794	..	Com.
4294c	.. K	+543 -155	4	2801	..	Com.
4295	.. E	+537 - 94	7	2791	..	N(e)
4295a	.. F	+556 -152	11	2811	..	G(B)
4296	.. α	+496 -157	Λ	..	..	M(A)
4297	.. β	SSW	ΛΛ	..	..	M
4298	.. γ	nSW 4293	Λ	..	..	M
4299	.. δ	NEw	Λ	..	..	M
4300	.. ε	Ew Capella	ΛΛ	..	..	M
4301	.. ζ	+491 -140	Λ	..	..	N(z)
<u>4302</u>	Pyrenees	+640 -160 to-220	ΛΛ	..	..	M
<u>4303</u>	Gutenberg	+650 -148	φ 40	..	..	M
4304	Gut. α	W 4320	ΛΛ	..	..	M(A)

4284 and 4284a In Sa's catalogue his No.2822 is called Capella B, and No.2825 Gutenberg b.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4305	Gut. $\beta$	SE 4315	$\Lambda\Lambda$	..	..	M
4306	.. $\gamma$	SWW	$\Lambda$	..	..	M
4307	.. $\delta$	NEW	$\Lambda$	..	..	M
4308	Gaudib. $\chi$	+616 -182	$\Lambda$	..	..	M(Gut. $\chi$ )
4308a	Gut. $\eta$	+625 -111	$\Lambda$	2847	..	Com.
4310	Gut. $\theta$	nN 4313	$\Lambda$	..	..	M
4312	.. A	+634 -157	10	2851	68	M
4313	.. B	+613 -158	10	2840	1090	M(b and h)
<u>4314</u>	Gaudibert	+602 -188	$\phi$ 23	..	..	Kr;M(c)
*4314a	Gaud. C	+601 -200	5	2832	..	Com.
4315	Gut. D	+668 -190	12	..	1092	M(d)
4316	.. E	+666 -142	$\phi$ 15	..	..	M(e)
4318	.. G	+644 -103	20	..	..	M(g)
4319	.. H	+633 -116	0 3	..	..	M(h)
4320	Gaud. J	+620 -193	6	2846	1091	M(Gut.i);Fr(c)
4322	.. P	out NW	//	..	..	N(p and b)
4323	Gut. Ir	fr nW 4318 to NEW 4325	\	..	..	N( $\phi$ and $\rho$ );S(r)
4324	.. Iir	fr 4307 to N 4306	\	..	..	S(r)
<u>4325</u>	Goclenius	+695 -173	28	..	..	Ric.
4326	Gocle. A	+765 -120	8	2872	1089	M
4327	.. a	nNE ct	$\Lambda$	..	..	M( <u>A</u> )
4328	.. $\beta$	+718 -182	$\Lambda\Lambda$	..	..	M
4329	.. $\gamma$	+696 -130	$\Lambda\Lambda$	..	..	M
4330	.. $\epsilon$	+713 -150	$\Lambda$	..	..	M
4331	.. Ir	fr 4268 to NNEW 4325	\	..	..	N( $\phi$ , $\rho$ );S(r)
4332	.. Iir	fr NNEW to SSW	\	..	..	N( $\psi$ )
<u>4335</u>	Magelhaens	+681 -208	20	..	..	M
4336	Magel. A	+690 -220	18	..	1144	M(a)
4337	.. a	+661 -221	$\Lambda$	..	..	N
<u>4338</u>	Bellot	+728 -215	9	..	84	Birt;M(c)
4339	Bellot a	W 4336	$\Lambda\Lambda$	..	..	M(Magel.a)
4340	.. $\beta$	+730 -226	$\Lambda$	..	..	M(Magel. $\beta$ )

4314a This Crater is called Gut. c in Sa's Catalogue.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Author.
<u>4341</u>	Crozier	+753 -234	12	..	1145	Birt;M(
4343	Croz. B	+777 -217	4	..	..	N(b)
4343a	.. D	+763 -232	0 18	..	..	G
<u>4344</u>	MacClure	+742 -264	14	..	1074	Birt;M(
4345	MacClu. D	+760 -255	13	..	1075	M(Colom.
*4346	.. δ	+783 -250	AA	..	..	N;M(Venc
<u>4347</u>	Colombo	+686 -260	0 42	..	..	M
4348	Col. A	+675 -239	0 23	..	..	M(a)
4349	.. B	+681 -283	9	..	1073	M(b)
4350	.. E	+648 -271	10	..	..	M(e)
*4351	.. α	+648 -225	A	..	..	M(A)
4352	.. β	NW	A	..	..	M
4353	.. γ	ENEW	AA	..	..	M
4354	.. δ	+654 -258	AA	..	..	M
4355	.. λ	nNE 4349	A	..	..	N
4356	.. Ir	S 4352		..	..	S(r)
<u>4357</u>	Bohnenberger	+619 -279	0 20	2845	..	M
4358	Bohn.A	+614 -308	0 16	..	..	N;M(a)
4359	.. G	+616 -295	7	2841	1065	N(a);Fr(i
4361	.. C	+622 -323	8	..	..	N(c)
4362	.. D	+642 -323	7	..	..	M
*4363	.. E	+639 -304	5	..	..	G(D)
4364	.. H	nW to nSW		..	..	N(2nd.e)
4365	.. F	+617 -253	5	2843	..	N(f)
4366	.. α	ct	AA	..	..	M(A)
4367	.. β	+638 -282	AA	..	..	M
4368	.. γ	+624 -292	AA	..	..	M
*4370	.. ε	+575 -275	AA	..	..	M
4371	.. ζ	nE 4358	AA	..	..	M
<u>4373</u>	Cook	+713 -300	28	..	..	M
4374a	.. θ	+711 -324	6	..	236	Fr(g)
<u>4375</u>	Monge	+695 -334	23	..	..	S;M(d)

4346 Also 4711 in C.L. Called Cook δ by Sch.

4351 SW point of Pyrenees. 4363 This crater is nNW of Ma's "e" which is merely a shallow depression.

4370 Also numbered 4150.



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4376	Cook A	+718 -306	2	..	..	M
4377	.. B	+749 -297	5	..	1076	M
4377a	.. F	+785 -302	4	..	1077	Fr(f)
4378	.. $\alpha$	SSW	AA	..	..	M
4379	.. $\gamma$	Nw	AA	..	..	N(a)
4380	.. $\beta$	+716 -283	AA	..	..	M
4381	Monge $\gamma$	Ww	AA	..	..	M(Cook $\gamma$ )
<u>4383</u>	Santbech	+650 -356	40	..	..	Ric.
4384	Sant. A	+614 -411	13	..	..	M
4385	.. B	+604 -418	9	2835	1174	M(b)
4386	.. C	+590 -380	9	..	..	M
4387a	.. E	+648 -382	0 5	..	..	G. Not M's e
4388a	.. F	+604 -432	8	..	1175	Com.
4389	.. $\alpha$	ENEw	A	..	..	M
4390	.. $\beta$	+651 -354	A	..	1173	M
4392	.. $\delta$	+630 -397	A	..	..	M
4393	.. $\epsilon$	+640 -390	A	..	..	M
4394	.. $\zeta$	nNE 4384	A	..	..	M
4395	.. $\eta$	Ww	A	..	..	M
<u>4396</u>	Biot	+718 -385	9	2865	235	M
4397	.. A	+698 -378	9	..	1064	M
4398	.. B	+714 -348	16	..	..	M(b)
4399	.. $\alpha$	SWw 4398	A	..	..	M
4400	.. $\beta$	+745 -375	A	..	..	M
<u>4401</u>	Borda	+660 -425	0 26	..	..	M
4402	Borda A	+692 -451	0 15	..	..	M(a)
4402a	.. B	+653 -409	0 8	..	..	G
4403	.. $\alpha$	+680 -422	A	..	..	M
4404	.. $\beta$	+680 -448	AA	..	..	M
4405	.. $\gamma$	+692 -409	A	..	..	M
4406	.. $\delta$	+656 -424	A	..	..	M( $\Delta$ )
4407	.. $\epsilon$	+681 -403	A	..	..	S( $\gamma$ )

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4408	Reichenbach	+647 -504	38	..	..	M
4409	Reich. a	NEw	A	..	..	M
4410	.. β	+590 -560	AA	..	..	M
4411	.. A	+664 -474	21	..	1164	M(a)
4411a	.. H	+668 -483	6	..	1168	Fr(h) (E of three)
4412	.. B	+656 -474	0 24	..	..	M(b)
4412a	.. G	+646 -526	9	..	1167	Fr(g) (NE of three)
4413	.. C	+606 -494	0 14	..	..	M
4414	.. E	+642 -467	0 35	..	..	S(d)
4414a	.. D	+619 -475	0 13	..	..	M(d);S(C)
*4415	Rheita E	+637 -548	40	..	1165	M(Reich.e)
4416	.. F	+610 -579	8	..	1166	M(f)
4417	Reich. M	+612 -550	5	..	..	S(m)
4417a	.. K	+592 -483	6	2826	..	Com.
4418	Neander	+549 -520	30	2807	..	Ric.
4418a	Nean. A	+547 -514	7	..	1151	G;(not M's A)
4419	Weinek	+535 -462	17	2788	..	Fauth;M(A)
4419a	Weinek A	+519 -453	6	2776	..	Com.(SE of two)
4419b	Weinek B	+553 -452	6	2809	..	Com.
4420	Nean. B	+567 -471	0 10	..	..	M
4421	.. C	+516 -479	12	2773	..	M(c);G(H)
4422	.. D	+605 -446	5	..	..	M(d)
4423	.. E	+566 -498	15	..	..	M(e)
4423a	.. L	+569 -521	10	..	..	G(G)
4424	.. F	+519 -532	12	..	..	M(f)
4425	.. G	+580 -550	12	..	..	M(g)
4425a	.. H	+567 -545	0 9	..	..	G
4427a	.. J	+573 -561	6	..	..	G(NE of two)
4427b	.. N	+512 -537	8	2769	..	Com.
4427c	.. O	+513 -582	5	2771	..	Com.
4427d	.. M	+502 -571	5	2760	..	Com.
4427e	.. R	+522 -550	6	2780	..	Com.

4415 Singular narrow formation or valley. N end measured.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4428	Nean. $\iota$	+542 -504	A	..	..	M;S( $\eta$ )
4428a	.. $\lambda$	+567 -552	A	2815	..	Com.
4430	.. $\alpha$	ct	A	..	..	M(A)
4431	.. $\beta$	ENEw	AA	..	..	M
4432	.. $\gamma$	+590 -460	AA	..	..	M
4434	.. $\epsilon$	+564 -534	AA	..	..	M
4435	.. $\zeta$	+534 -558	AA	..	..	M
4436	.. $\eta$	+560 -557	AA	..	..	M
4437	.. $\theta$	+502 -550	A	..	..	M
4437a	.. $\kappa$	nS 4423	A	..	..	S(a)
4440	.. Ir	fr SW 4425		..	..	N( $\xi$ )
<u>4441</u>	Rheita	+590 -605	O 38	..	..	Ric.
4442	Rhei. A	+605 -617	8	..	1169	M
4442a	.. P	+553 -615	6	..	1170	Fr(f)
4443	.. B	+618 -630	12	..	218	M(b)
4443a	.. G	+617 -650	8	..	1171	Fr(e)
4444	Young C	+559 -662	16	..	..	M(Rhei.c)
4445	.. D	+579 -690	26	..	..	M(Rhei.d)
* <u>4446</u>	Young	+586 -668	O 40	..	..	S
4447	.. $\chi$	WSWw	AA	..	..	M(Rhei.X)
4448	Rhei. $\alpha$	+585 -601	A	..	..	M(A)
4449	.. $\beta$	NEw	AA	..	..	M
4450	.. $\gamma$	Ew	A	..	..	M
*4451	.. $\delta$	nNE	A	..	..	M
4452	Young $\zeta$	N 4453	AA	..	..	M(Rhei. $\zeta$ )
4453	.. $\eta$	SEw 4460a	AA	..	..	M(Rhei. $\eta$ )
4454	.. $\theta$	S 4453	AA	..	..	M(Rhei. $\theta$ )
4455	.. $\iota$	ct;Ww 4460a	A	..	..	M(Rhei. $\iota$ )
4456	.. $\lambda$	out Nw	A	..	..	M(Rhei. $\lambda$ )
4457	Rhei. $\mu$	SW 4416	A	..	..	M
4458	.. $\zeta$	nS 4443	A	..	..	N
4459	.. $\epsilon$	+571 -625	A	..	..	M

4446 N calls N pt of crater g; G calls S pt G.

4451 North end of Rheita valley.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4460	Rhei. $\kappa$	SEw	A	..	..	S( $\alpha$ )
<u>4460a</u>	Rheita Valley	+576 -594 to +595 -682	90	..	..	G(V)
<u>4461</u>	Metius	+527 -650	50	..	..	Ric.
<u>4461a</u>	Brenner	+482 -640	0 53	..	..	Fauth
4462	Bren. A	+490 -648	18	2750	..	M(Meti.A)
4463	Meti. B	+538 -647	12	..	..	M;G(C)
*4464	.. C	+544 -697	4	..	..	N(Stein.c)
4465	.. D	+551 -677	5	2808	..	M(d)
4465a	Bren. E	+505 -628	7	2762	..	G(D)
4465b	.. F	+458 -652	7	2716	..	Com.
4465c	Meti. G	+542 -647	5	2800	..	Com.
4466	.. $\alpha$	NWw	A	..	..	M
4467	.. $\beta$	+540 -600	A	..	..	M
4468	Young $\gamma$	+553 -687	A	..	..	M(Metius $\gamma$ )
<u>4469</u>	Fabricius	+490 -680	40	2751	..	Ric.
4470	Fab. A	+498 -698	35	..	..	M(a)
4471	.. B	+512 -689	11	2770	209	M
4471a	.. J	+494 -717	10	2752	200	Fr(Stein.i)
4473	.. $\beta$	Sw	AA	..	..	N
4474	.. $\alpha$	ct	AA	..	..	M(A)
4475	.. $\gamma$	ESEw	A	..	..	M
4476	.. $\delta$	NWw	A	..	..	M
4477	.. E	N end 4492		..	..	M( $\epsilon$ )
* <u>4479</u>	Lockyer	+413 -722	18	2652	..	Birt;M(Fab.c)
*4480	Lock. H	+377 -707	0 30	(2576)	(1085)	M(Fab.h)
4481	.. F	+402 -737	11	2628	..	M(Vla.f);N(f)
=3974	.. G	+385 -715	15	..	1083	M(Fab.G)
4482	.. A	+371 -695	5	2559	..	Com.
* <u>4483</u>	Janssen	+460 -705	0 120	..	..	Birt
4484	Janss. D	+435 -751	16	..	..	M(Fab.d);N(Janss.d)
4485	.. E	+423 -752	0 13	2666	..	N;M(Fab.E)
4486	.. F	+431 -760	0 15	..	..	M(f)

4464 Two craters. Co-ordinates of S one given. Sa's No. 2808 identified with this crater in his Catalogue instead of with 4465.  
 4479 Sch names 4480 Lockyer and 4483 Argelander. 4480 Sa and Fr measure the crater S ct diam. 7.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4487	Janss. J	+433 -687	14	..	..	M(i)
4487a	.. M	+432 -668	10	2690	1084	G(I);Fr(m)
4488	.. K	+466 -720	10	2727	44	M
4488a	.. O	+420 -680	3	2662	..	Com.
4489	.. G	fr E 4487 to nN 4479		..	..	N(θ)
4489a	.. B	+413 -684	11	2651	..	Com.
4490	.. η	nSW 4487	AA	..	..	M
4491	.. H	+459 -724	6	..	..	S(η)
4492	.. Ir	fr Sw 4469	/	..	..	M(ζ)
4493	.. β	+470 -740	Λ	..	..	M
4494	.. χ	nN 4487a	Λ	..	..	M(Fab.χ)
4495	Fab. λ	nSSW 4462	AA	..	..	M
4496	Janss. α	W 4479	Λ	..	..	N
*4499	Watt	+484 -762	0 42	..	..	S
4499a	.. A	+463 -769	4	2722	..	Com.
4499b	.. B	+477 -767	2	2737	..	Com.
4500	Steinheil	+480 -750	40	..	..	M(With 4499)
4502	Watt D	+527 -767	16	..	..	M(Stein.d)
4502a	.. E	+532 -762	6	..	1187	Com.
4503	Reimarus	+587 -737	28	..	..	S;M(Stein.e)
4503a	Reim. H	+577 -757	7	2820	1195	Fr(Vega H)
4504	Young F	+557 -705	15	..	205	M(Stein.F)
4504a	Stein. F	+525 -711	11	..	..	G(SW of two)
4505	.. G	+536 -715	11	2789	203	M
4506	.. H	+511 -716	12	2767	201	M
4507	Watt C	+492 -772	0 25	..	..	M(Stein.c)
4508	.. α	+527 -752	Λ	..	..	M(Stein.α)
4509	Mallet β	Ew	Λ	..	..	M(Stein.β)
4509a	Mall. J	+550 -755	0 30	..	..	G
4510	Mallet	+574 -710	0 40	..	..	S
4510a	Mall. K	+568 -741	0 25	..	..	G
4511	Biela	+448 -818	0 50	..	..	M

4499 Called part of Steinheil by M.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No	Fr.No.	Authority.
4512	Biela A	+483 -797	11	..	..	M
4513	.. B	+420 -834	20	..	..	M(b)
4514	.. C	+470 -811	16	2733	178	M(c)
4515	.. D	+468 -827	0 11	..	..	M(d)
4516	.. a	ct	A	..	..	M(A)
<u>4517</u>	Pontécoulant	+472 -856	0 58	..	..	M
4518	Ponté. A	+476 -845	10	..	174	M
4519	.. B	+452 -846	15	..	..	M(b)
4520	.. C	+485 -823	16	..	..	M(c)
4521	.. D	+472 -868	9	..	1162	M(d)
4522	.. E	+444 -869	18	..	..	M(e)
4523	.. F	+510 -840	0 22	..	..	M(f)
4524	.. G	+471 -838	0 30	..	..	M(g)
<u>4525</u>	Hanno	+517 -845	27	..	175	M
4526	Hanno a	n8W 4530a	A	..	..	M
4526a	Hanno R	+521 -854	0 30	..	1358	Fr(M)
4527	.. A	+532 -800	0 18	..	..	M
4528	.. B	+566 -794	0 20	..	1093	M
4528a	.. F	+568 -791	3	2818	..	Com.
4529	.. C	+524 -832	0 24	..	..	M(c)
4530	.. E	+488 -860	11	..	1095	N(e)
4530a	.. D	+503 -858	10	..	1094	Fr(d)
<u>4531</u>	Mare Australe	+560 -820	+	..	..	M
4531a	Aust. K	+579 -804	11	..	1352	Fr(k)
4531b	.. L	+578 -813	0 26	..	1353	Fr(l)
* <u>4532</u>	Vega	+630 -710	0 45	..	[210]	M
4533	Peires. a	WSW	A	..	..	M(Vega a)
4534	.. β	+672 -740	A	..	196	M(Vega β)
4535	Brisbane γ	+630 -772	A	..	186	M(Vega γ)
4536	Vega B	+624 -723	18	..	..	M(b)
4536a	.. A	+617 -734	7	..	1196	Fr(I)
4537	Peires. D	+642 -747	0 25	..	..	M (d);G(H)

4532 Fr's Co-or. of 4532 are of Nw at +641 -689.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4538	Vega J	+608 -712	15	..	..	M(I)
4539	Brisb. H	+580 -767	0 28	..	..	M(Vega H)
4540	.. E	+597 -781	9	..	185	M(Vega e)
<u>4540a</u>	Brisbane	+608 -766	0 27	..	186	S;G(G);Fr(e)
4540b	Brisb. G	+631 -772	0 80	..	193,182	Fr(g)
4540c	Ma. Aust. H	+610 -782	0 32	..	183,187	Fr(h)
4541	Peires. C	+656 -722	0 23	..	198	M(Vega c);G(G)
* <u>4542</u>	Peirescius	+636 -725	0 30	..	..	S;M(f);G(F)
4543	Peires. A	+667 -710	6	..	204	M(Vega A)
4544	.. G	+635 -744	0 17	..	194	M(Vega g);Fr(d)
<u>4545</u>	Oken	+701 -691	0 30	..	208	M
4545a	Oken A	+690 -685	0 20	..	1086	Fr(Fraun.d)
*4545b	.. D	+678 -716	13	..	202	Fr(Aus.D)
4546	.. $\alpha$	SW	A	..	..	M
4547	.. $\beta$	NEW 4545b	A	..	..	M
4548	.. $\gamma$	out SW	A	..	..	M
4549	.. $\delta$	+705 -704	A	..	..	M
<u>4550</u>	Marinus	+751 -633	0 28	..	..	M
4551	Marin. $\alpha$	NEW	A	..	..	M
4552	.. $\beta$	+760 -632	A	..	..	M
4553	.. $\gamma$	+752 -650	A	..	..	M
4554	.. A	+734 -642	12	..	215	M(a)
4555	.. B	+745 -630	18	..	..	M(b)
4556	.. C	+755 -614	0 17	..	..	M(c)
4557	.. D	+771 -620	0 25	..	220	M(d)
*4558	.. E	+778 -592	9	..	222	M
4558a	.. G	+743 -648	15	..	..	Lo(Marinus)
4559	.. F	+728 -658	9	..	..	N(f)
4559a	.. K	+731 -679	$\phi$ 35	..	212	Fr(Kelvin)
<u>4560</u>	Fraunhofer	+662 -634	32	..	..	M
4561	Fraun. A	+678 -635	0 16	..	..	M(a)
4562	.. B	+686 -666	0 18	..	..	M(b)

4542 Named "Vega" by Lohrmann.

4545b Bright spot.

4558 In Fr's Catalogue, the number and the lat. of this crater are misprinted.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4563	Fraun. C	+556 -686	0 15	..	..	M(c)
4564	.. D	+678 -684	8	..	..	M(d)
4565	.. E	+640 -685	20	..	..	M(e)
4566	.. F	+640 -655	9	..	..	M(f)
4566a	.. H	+665 -651	0 25	..	..	G(B and O)
4566b	.. J	+662 -671	0 38	..	..	G(E)
4567	.. G	+667 -623	7	..	219	M
4568	.. $\alpha$	Sw 4565	$\Lambda$	..	..	M
4569	.. $\beta$	Ww 4566b	$\Lambda\Lambda$	..	..	M
4570	.. $\gamma$	Ew 4563	$\Lambda\Lambda$	..	..	M
4571	.. $\delta$	+645 -615	$\Lambda\Lambda$	..	..	M
4572	.. $\epsilon$	S 4571	$\Lambda\Lambda$	..	..	M
4573	.. $\zeta$	Ew	$\Lambda\Lambda$	..	..	M
4574	.. $\eta$	NNWw	$\Lambda$	..	..	M
<u>4575</u>	Furnerius	+704 -587	0 70	..	..	Ric.
4576	Furn. A	+716 -553	7	2864	224	M
4577	.. B	+704 -579	12	..	..	M
4578	.. C	+704 -555	13	..	1087	M(c)
4579	.. D	+661 -602	11	..	1088	M
4580	.. E	+691 -573	14	..	..	M(e)
4581	.. F	+726 -586	0 22	..	..	M(f)
4582	.. G	+708 -616	15	..	..	M(g)
4583	.. J	+737 -570	12	..	..	M(i)
4584	.. H	+737 -609	20	..	..	M(h)
4585	.. K	+725 -612	18	..	..	S(h)
4586	.. $\alpha$	NW 4580	$\Lambda$	..	..	M
4587	.. $\beta$	SW 4576	$\Lambda$	..	..	M
4588	.. $\mu$	S 4590	$\Lambda$	..	..	S( $\beta$ )
4589	.. $\gamma$	SW 4580	$\Lambda\Lambda$	..	..	M
4590	.. $\delta$	SSEw	$\Lambda$	..	..	M
4591	.. $\epsilon$	W 4583	$\Lambda\Lambda$	..	..	M
4592	.. $\zeta$	+770 -547	$\Lambda$	..	..	M



CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4593	Furn. $\eta$	nE 4580	$\Lambda\Lambda$	..	..	M
4594	.. $\theta$	W ct	$\Lambda$	..	..	M
4595	.. $\iota$	+665 -575	$\Lambda$	..	..	M
4596	.. $\lambda$	NNE 4578	$\Lambda$	..	..	M
4597	.. $\nu$	E 4583	$\Lambda\Lambda$	..	..	M(2nd $\delta$ )
4598	.. Ir	fr Nw to SWw	\	..	..	N( $\phi$ )
<u>4602</u>	Stevinus	+683 -540	40	..	..	Ric.
4603	Stev. $\alpha$	+683 -539	$\Lambda$	..	1188	M( <u>A</u> )
4604	.. $\beta$	N 4609	$\Lambda\Lambda$	..	..	M
4605	.. $\gamma$	+673 -512	$\Lambda$	..	..	M
4606	.. $\delta$	NNWw	$\Lambda$	..	..	M
4607	.. A	+667 -528	8	..	228	M(a)
4608	.. B	+680 -517	11	..	..	M(b)
4609	.. C	+665 -551	11	..	1189	M(c)
4610	.. D	+637 -571	10	..	1190	M(d)
4610a	.. G	+641 -555	$\emptyset$ 10	..	..	S(d)
4610b	.. H	+648 -547	9	..	..	G(D)
4611	.. E	+647 -578	10	..	1191	M(e)
4612	.. F	+684 -512	5	..	..	N(f)
<u>4613</u>	Snellius	+719 -488	$\emptyset$ 46	..	..	Ric.
4614	Snel. A	+716 -460	20	..	1186	M(a)
4615	.. B	+692 -502	18	..	..	M(b)
4616	.. $\alpha$	Ew	$\Lambda$	..	..	M
4617	.. $\beta$	Sw	$\Lambda$	..	..	M
4618	.. $\gamma$	+705 -477	$\Lambda$	..	..	M
4619	.. $\delta$	+734 -462	$\Lambda$	..	..	M
4620	.. $\epsilon$	NNWw	$\Lambda$	..	..	M
4621	.. $\kappa$	Nw 4614	$\Lambda$	..	..	N
<u>4622</u>	Hase	+770 -485	$\phi$ 45	..	..	Schr.
*4623	Hase A	+778 -485	9	..	1096	M(a)
4624	.. B	+748 -520	$\phi$ 20	..	..	M(b)
4625	.. D	+763 -520	$\phi$ 36	..	..	N(d)

4623 In Fr's Catalogue the lat. of this star is given by a misprint.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4626	Hase $\alpha$	NNEW 4625	$\Delta\Delta$	..	..	M
4627	.. $\beta$	+756 -496	$\Delta\Delta$	..	..	M
4628	.. $\gamma$	+738 -520	A	..	..	M
<u>4630</u>	Palitzsch	+801 -457	$\phi$ 50	..	..	Schr.
4631	Pali. A	+813 -453	$\phi$ 19	..	1152	M(a)
4632	.. B	+833 -445	$\phi$ 24	..	1153	M(b)
4634	.. $\alpha$	SEW	A	..	..	M
4635	.. $\beta$	+838 -400	A	..	..	M
<u>4636</u>	Petavius	+785 -430	$\phi$ 80	..	..	Ric.
4637	Peta. $\alpha$	+792 -426	$\Delta\Delta$	..	..	M( <u>A</u> )
4638	.. $\beta$	nSW 4653	$\Delta\Delta$	..	..	M
4639	.. $\epsilon$	SW 4637	$\Delta\Delta$	..	..	M
4640	.. $\zeta$	Nw	$\Delta\Delta$	..	..	M
4641	.. $\eta$	+836 -366	A	..	..	M
4642	.. $\theta$	+760 -475	$\Delta\Delta$	..	..	M
4643	.. $\psi$	+790 -325	A	..	..	N
4644	.. Ir	ct to SEW	/	..	..	M(s)
4647	.. B	+790 -340	$\phi$ 18	..	1157	M
4648	.. C	+767 -464	6	..	1158	M(c)
4649	.. D	+820 -408	11	..	..	M(d)
4650	.. E	+752 -465	$\phi$ 13	..	..	N(e)
*4651	.. M	+775 -454	12	..	..	N(m)
*4652	.. N	+802 -408	15	..	..	N(n)
<u>4653</u>	Wrottesley	+764 -406	$\phi$ 40	..	..	Birt;M(a)
4653a	Wrott. A	+750 -398	8	..	..	G
4653b	.. B	+757 -418	4	..	..	G
4654	.. $\gamma$	+764 -403	A	..	1156	M(Peta. $\Gamma$ )
<u>4655</u>	Mare Foecunditatis	+680 -360 to to +840 +100	+	..	..	Ric.
<u>4656</u>	Webb	+866 - 16	15	2882	251	N;M(Macla.C)
4657	Webb H	+861 - 37	7	..	1122	M(Lang. H)
4658	.. A	+864 - 12	2	..	..	N
4658a	.. B	+850 - 12	5	..	..	G

4651, 4652 Dark patches.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4658b	Webb D	+842 - 41	6	..	..	G
4658c	.. C	+896 + 8	φ 24	..	..	G
4659	.. α	NNEw		..	..	N
*4660	Maclaurin	+927 - 33	φ 26	..	(1128)	M
4661	Macla. A	+923 - 53	20	..	1129	M(a)
4662	.. B	+946 - 64	15	..	..	M(b)
4663	.. D	+932 -123	6	..	1130	M(N of three)
4664	.. E	+910 - 63	10	..	1131	M(NE of three)
4665	.. F	+942 -135	21	..	1132	M(f)
4665a	.. L	+948 - 25	9	..	..	G
4666	.. J	+935 - 38	19	..	1133	N(1)
4666a	.. H	+899 - 21	25	..	1283	Fr(h);G(I)
4666b	.. K	+920 - 16	7	..	1285	Fr(k)
4667	.. M	+933 - 84	23	..	1134	N(m)
4667a	.. P	+935 -105	0 20	..	..	G
4668	.. N	+928 - 66	16	..	1135	N(n)
4668a	.. O	+926 - 4	0 26	..	1286	Fr(l);G(P)
4669	.. R	+903 - 48	7	..	1137	N(r)
4670	.. α	+905 - 15	AA	..	..	M
4671	.. β	Ew 4666a	A	..	..	M
4672	.. γ	N 4669	A	..	..	M
4673	.. δ	nSE 4669	A	..	..	M
4674	.. ε	+963 - 50	A	..	..	M
4675	.. λ	+962 - 40	A	..	..	N
4676	.. μ	+960 - 68	AA	..	..	N
4677	Langrenus	+863 -155	94	..	1117	Ric.
4678	Lang. α	+864 -154	A	..	..	M(A)
4679	.. β	nN ct	A	..	..	M(B)
4680	.. γ	ENEw	A	..	..	M
4681	.. δ	WSWw	A	..	..	M
4682	.. η	nN 4688	AA	..	..	M
4683	.. ε	+820 -215	AA	..	..	M

4660 Fr measured the ct peak.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4684	Lang. K	+810 -185	A	..	..	N( $\epsilon$ )
4686	.. A	+906 -184	24	..	1118	M(a)
4687	.. B	+843 - 81	16	..	1119	M
4688	.. C	+863 - 98	10	2881	1120	M
4689	.. K	+841 -102	$\emptyset$ 16	..	1124	N(k);S(x)
4690	.. M	+903 -170	$\emptyset$ 11	2884	78	N(m);S(a)
4690a	.. N	+901 -156	8	..	1125	Com.
4691	.. D	+809 -181	6	..	..	M
*4692	.. F	+828 -101	21	..	1121	M(f)
4693	Macla. G	+912 -122	8	..	..	M(Lang.g)
4694	Lang. H	+892 -139	11	..	..	M(h)
4694a	.. J	+897 -144	9	..	1123	Fr(h)
4695	.. E	+844 -227	15	..	..	M(e)
4695a	.. L	+860 -218	6	..	..	G(k)
<u>4696</u>	Vendelinus	+850 -275	$\phi$ 80	..	..	Ric.
* <u>4697</u>	Lohse	+843 -247	$\emptyset$ 27	..	(1197)	Kr;M(A)
* <u>4698</u>	Holden	+838 -328	26	..	1198	Kr;M(B)
4699	Vend. C	+873 -252	$\emptyset$ 55	..	..	M(c)
4699a	.. N	+878 -288	15	..	..	G
4699b	.. M	+883 -272	9	2883	1203	Com.
4701	.. E	+832 -308	15	..	1199	M
4701a	.. L	+843 -296	10	..	..	G
4702	.. F	+859 -317	17	..	1200	M(f)
4702a	.. G	+881 -263	16	..	..	G
4703	Lang. G	+888 -210	10	..	..	M(Vend.G)
4704	Vend. H	+847 -263	3	..	1202	M;N(D)
4705	.. J	+888 -240	20	..	..	M(i)
*4706	Lang. X	+883 -214	$\emptyset$ 11	..	1201	S(x)
4707	Vend. $\alpha$	EW	A	..	..	M
4708	.. $\beta$	NEW 4699	A	..	..	M
4709	.. $\gamma$	SWW 4699	A	..	..	M
4710	.. $\epsilon$	SWW	A	..	..	M

4692 Called Vally by Lamech.

4697 Fr measured the ct peak.

4698 Called Nelson by Gaudibert (see 990).

4706 Fr's 238 is also included.

CL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4712	Vend. $\lambda$	nN 4707	A	..	..	N
<u>4715</u>	Legendre	+822 -483	O 43	..	..	M
4716	Legre. a	NNWw	A	..	..	M
4717	.. $\beta$	NEw	A	..	..	M
4718	.. $\gamma$	Ww	A	..	..	M;N( $\lambda$ )
4719	.. $\epsilon$	+840 -480	A	..	..	M
4720	.. $\mu$	S 4717	A	..	..	N
4721	.. $\chi$	SSEw	A	..	..	N
4722	.. $\delta$	+826 -537	A	..	1112	S
4724	Adams B	+778 -523	16	2873	229	M(Legre.b)
4724a	Adams D	+802 -531	O 30	..	..	G
4725	Legre. D	+819 -523	$\phi$ 35	..	..	M(d)
4725a	.. E	+815 -854	$\phi$ 20	..	..	M(e)
<u>4726</u>	Adams	+791 -525	O 44	..	..	Birt;M(Legre.c)
4727	.. $\zeta$	nSW 4592	AA	..	..	M(Legre. $\zeta$ )
4728	.. $\delta$	Ew	AA	..	..	M(Legre. $\delta$ )
<u>4729</u>	W.Humboldt	+878 -457	O 108	..	1106	M
4730	W.Hum. a	+878 -459	AA	..	1107	M( <u>A</u> )
*4731	.. $\beta$	+905 -404	AA	..	1106	M
4732	.. $\gamma$	+901 -433	AA	..	1108	M
4733	.. $\delta$	SSEw	AA	..	..	M
4734	.. $\lambda$	NEw	AA	..	..	N
4735	.. $\mu$	Ww	AA	..	..	N
4736	.. $\nu$	SWw	AA	..	..	N
4737	.. $\kappa$	N 4734	A	..	..	N
*4738	.. M	+870 -476	6	..	1109	N(m)
*4739	.. N	+886 -440	6	..	1110	N(n)
4740	.. B	+866 -393	O 15	..	..	M(b)
<u>4741</u>	Phillips	+865 -450	O 70	..	..	Birt.
4742	Phill. A	+854 -456	8	2880	231	M(Humb.A)
4743	.. $\zeta$	SW 4740	A	..	..	M(Humb. $\zeta$ )
4744	.. $\epsilon$	S 4742	AA	..	..	M(Humb. $\epsilon$ )

4731 N point given by Fr. 4738, 4739 Dark spots.

OL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority
<u>4745</u>	Hecataeus	+920 -360	0 80	..	..	M
4746	Heca. a	+921 -358	A	..	1097	M
4746a	.. ε	+926 -330	A	..	1099	Com.
4747	.. β	S 4751	A	..	..	M
4748	.. γ	+870 -370	A	..	..	M
4749	.. A	+916 -374	4	..	..	M(a)
4750	.. B	+915 -331	40	..	..	M(b)
4751	.. C	+904 -324	0 20	..	..	M(c)
4751a	.. E	+905 -317	8	..	1098	Fr(c)
4752	.. D	+944 -320	0 30	..	..	M(d)
<u>4753</u>	Behaim	+943 -285	28	..	1061	M
4754	Behm. A	+911 -268	0 23	..	1062	M
4755	.. B	+934 -295	φ 10	..	..	M(b)
4756	.. N	+915 -270	2	..	..	N
4757	.. α	+948 -290	A	..	..	M
4758	.. β	+938 -288	A	..	..	M
4759	Holden ε	+870 -310	A	..	..	N(Behm.ε)
<u>4760</u>	Ansgarius	+959 -220	0 58	..	1058	M
4761	Ansga. A	+919 -245	17	..	1059	M(a)
4762	.. B	+974 -203	0 36	..	..	M(b)
4762a	.. C	+934 -255	7	..	1063	Fr(c);G(F)
4763	.. β	NWw	A	..	..	M
4764	.. γ	SEw	A	..	..	M
4765	.. δ	SSWw	AA	..	..	M
4766	.. α	+950 -220	AA	..	..	M;N(Lap.β)
<u>4767</u>	Lapeyrouse	+956 -185	0 46	..	{ 239,	M
4768	Lapey. A	+953 -160	11	..	{ 242	M
					243	
4769	.. B	+927 -186	29	..	1126	M(b)
4772	.. E	+965 -177	16	..	1127	N(e)
4773	.. F	+942 -188	20	..	..	N(f)
4775	.. α	nS 4772	A	..	..	M
4776	.. γ	SSWw	A	..	..	N

GL.No.	Designation.	Co-ords.	Diam.	Sa.No.	Fr.No.	Authority.
4777	Lapey. $\delta$	Sw 4768	A	..	..	N( $\Delta$ )
*4778	Kästner	+974 -111	$\emptyset$ 80	..	..	M
4779	Käst. $\alpha$	Nw 4785	A	..	..	M
4780	.. $\beta$	+998 - 62	A	..	1234	M
4781	.. $\gamma$	nSSE 4783	AA	..	..	M
4782	.. A	+972 - 75	$\emptyset$ 10	..	..	M
4783	.. B	+988 -114	$\emptyset$ 12	..	..	M(b)
4784	.. C	+970 -152	8	..	..	M(c)
4785	.. D	+971 - 45	9	..	1139	M(d)
4786	.. E	+967 -118	6	..	..	N(e)
4786a	.. F	+974 -160	9	..	1116	Fr(c)
4786b	.. G	+984 - 54	$\emptyset$ 40	..	..	G(D)
4787	.. M	+979 - 32	$\emptyset$ 17	..	1141	N(m)
4788	.. N	+976 - 22	18	..	1140	N(n)
4788a	.. P	+969 - 14	$\emptyset$ 10	..	1136	Fr(Macla.)
4788b	.. S	+968 - 30	9	..	1138	Com.(E of
4789	Mare Smythii	+995 - 30	+	..	..	M
4789a	Ma. Smy. $\alpha$	+995 - 95	AA	..	1233	Fr(Macla.S)
4789b	.. .. $\gamma$	+995 - 34	A	..	1235	Fr.
4789c	.. .. $\delta$	+994 - 28	A	..	1236	Fr.
4789d	.. .. $\epsilon$	+999 - 17	A	..	1237	Fr.
4789e	.. .. $\zeta$	+990 -136	A	..	1243	Com.
4789f	.. .. $\eta$	+993 -112	A	..	1242	Com.
4789g	.. .. $\theta$	+987 - 29	A	..	1247	Com.
4789h	.. .. $\lambda$	+992 - 52	A	..	1248	Com.

4778 Schr. calls 4789 Kästner. Fr's measures (No.1115) of 4778 were stated by him to be bad, and those of König are here adopted.





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Abenezra	3778	3	Baily	659	7	Carlini	1390	10
Abulfeda	3735	3	Ball	3133	12	Carpathians	1436	10
Acherusia(Pr.)	585	5	Banat(Cape)	1436a	10	Carpenter	1692	8
Adams	4726	2	Barocius	3860	1	Carrington	359	6
AEnarium(Pr.)	3039	12	Barrow	1005	7	Casatus	3289	14
AEstatis(Mare)	2028a	11	Bayer	2604	14	Cassini	929	7
AEstuum(Sinus)	1270	10	Beaumont	4154	3	Cassini(J.J.)	1341	8
Agarum(Prom.)	39	4	Beer	1185	10	Catharina	4167	3
Agassiz(Pr.)	943	7;8	Behaim	4753	4;2	Caucasus	767	5;7
Agatharchides	2490	12	Bellot	4338	4	Cauchy	262	4;5
Agrippa	821	5	Bernouilli	161	6	Cavalerius	1937	11
Airy	3549	3	Berosus	145	6	Cavendish	2175	13
Albategnius	3577	3	Berzelius	364	6	Cayley	561	5
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Alhazen	14	4	Bettinus	2682	14	Cepheus	390	7
Aliacensis	3492	3	Bianchini	1650	8	Chacornac	503	5
Almanon	3751	3	Biela	4511	1	Challis	1015	7
Alpetragius	3027	12	Billy	2127	11	Chvallier	450	7
Alphonsus	2986	12	Biot	4396	2	Chladni	865	5
Alpine Valley	944	7	Birmingham	1389	8	Cichus	2760	12
Alps	950	7;8	Birt	3063	12	Clairaut	3877	1
Altai Mts.	4106	3	Blagg	855	5	Clausius	2343	12;14
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Anaxagoras	1026	8	Blancanus	3254	14	Cleomedes	119	6
Anaximander	1687	8	Blanchinus	3531	3	Cleostratus	1710	8
Anaximenes	1356	8	Bode	1212	10	Colombo	4347	4
Andel	3729	3	Boguslawsky	3916	1	Condamine	1365	8
Angstrom	1737	10	Bohnenberger	4357	4	Condorcet	44	4
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Ansgarius	4760	4	Bond(W.C.)	986	7	Cook	4373	4;2
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Arago	536	5	Bouguer	1671	8	Crozier	4341	4
Aratus	895	5	Boussingault	3923	1	Cruger	2070	11;1;
Archimedes	1144	10	Bouvard	2240	13	Curtius	3355	1
Archytas	971	7	Bradley(Mt.)	904	5;10	Cusanus	675	7
Argæus(Mt.)	517	5	Brayley	1578	10	Cuvier	3404	1
Argelander	3559	3	Breislak	3861	1	Cyrillus	4176	3
Ariadaeus	563	5	Brenner	4461a	1	Oysatus	3267	14
.. Cleft	571a	5	Briggs	1859	9	Daguerre	4145	3
Aristarchus	1755	9	Brisbane	4540a	2;1	D'Alembert Mts.	2020	11
Aristillus	917	5	Brown	2711	14	Damoiseau	1987	11
Aristoteles	710	7	Bruce	857	5;10	Daniell	466	5
Arnold	686	7	Buoh	3834	1	Darney	2831	12
Arzachel	3040	12	Bullialdus	2813	12	D'Arrest	562	5
Asclepi	3986	1	Burckhardt	167	6	Darwin	2081	13
Atlas	437	7	Bürg	647	7	Da Vinci	236a	4
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Autolycus	909	5	Büsching	3840	1	Dawes	519	5
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Auwers	594	5	.. Cleft	2057	13	Dechen	1728	9
Azophi	3783	3	Cabeus	3319	14	De Gasparis	2180	13
Azout	47	4	Calippus	748	7	Delambre	3656	3
Babbage	1707	8	Campanus	2525	12	De la Rue	416	7
Baco	3888	1	Capella	4275	3	Delaunay	3541	3
Baillaud	998	7	Capuanus	2548	12	Delisle	1593	10
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Dembowsky	825	5	Galvani	1726	9	Hesiodus	2776	12
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Demonax	3915	1	Gärtner	669	7	Hiemis(Mare)	1975a	11
De Morgan	559	5	Gassendi	2389	13;11	Hind	3601	3
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Donati	3547	3	Gérard	1885	9	Huggins	3151	14
Doppelmayr	2376	12	Gioja	1018	7;8	Humboldt(W.)	4729	2
Dove	4002	1	Glaisher	200	4	Humboldtianum(M.)	402	7
Draper	1411	10	Goclenius	4325	4	Humorum(Mare)	2388	12;13
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Dunthorne	2562	12	Goldschmidt	1023	8	Hyginus	866	5
			Goodacre	3825	3	.. Cleft	876	5
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			Hall	494a	5	Kane	696	7
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Franklin	374	7	Heraclitus	3416	1	Lacaille	3533	3
Franz	214a	4	Hercules	452	7	Lacroix	2321	13
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Fresnel(Cape)	792	5	Herigonius	2425	12	Lagalla	2731	14
Frigoris(Mare)	709	7;8	Hermann	1985	11	Lagrange	2216	13
Furnerius	4575	2	Herodotus	1786	9	Lahire	1396	10
			Herschel	2944	12	Lalande	2917	12
Galilaei	1843	11	Herschel(Car.)	1602	10	Lambert	1401	10
Galle	725	7	Herschel(J.)	1686	8	Lamèch	729	7

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Lamont	539	5	Maurolycus	3846	1	Pallas	1225	10
Landsberg	2480	12;10	Maury	386	7;5	Palmieri	2205	13
Langrenus	4677	4	Mayer (Chr.)	697	7	Parrot	3563	3
Lapeyrouse	4767	4	Mayer (T.)	1415	10	Parry	2879	12
Laplace (Prom.)	1305	8	Medii (Sinus)	1241	3;5;10	Parvum (Mare)	2257a	13
Lassell	3021	12	Mee	2591a	14	Peirce	115	6;4
Lavinium (Prom.)	100	4	Menelaus	591	5	Peirescius	4542	2
Lavoisier	1889	9	Mercator	2536	12	Pentland	3362	1
Lee	2371	12	Mercurius	396	6	Petavius	4636	2
Legendre	4715	2	Mersenius	2147	13	Petermann	694	7
Legentil	2665	14	Messala	332	6	Peters	695	7
Lehmann	2313	13	Messier	4254	4	Phillips	4741	2
Leibnitz Mts.	3326	1	Metius	4461	1	Philolaus	1342	8
Le Monnier	508	8	Meton	988	7	Phocylides	2269	14
Lepaute	2564	12	Milichius	1529	10	Piazzi	2229	13
Letronne	2431	11	Miller	3161	1;14	Piazzi Smyth	1125	8
Leverrier	1304	8	Mitchell	721	7	Picard	106	4
Lexell	3123	12	Moigno	683	7	Piccolomini	4074	3
Licetus	3414	1	Moltke	3667	3;5	Pickering (E.)	3607	3
Lichtenberg	1867	9	Monge	4375	2	Pickering (W.H.)	4255	4
Lick	111	4	Montanari	2729a	14	Pico	1112	8
Liebig	2148	13	Moretus	3275	14	Pictet	3176	14
Lilius	3394	1	Mortis (Lacus)	658	7	Pietrosul Bay	1459a	10
Lindenaus	4052	3	Mösting	2932	12;10	Pingré	2258	14
Linné	629	5	Moestlin	1542b	11	Pitatus	2734	12
Lippershey	3066a	12	Mouchez	1028a	8	Pitiscus	3991	1
Littrow	279	5	Müller	3618	3	Piton	1128	8;7
Lockyer	4479	1	Murchison	858	5;10	Plana	644	7
Loewy	2523	12	Mutus	3899	1	Plato	1062	8
Lohrmann	1976	11	Nasireddin	3162	1;14	Playfair	3523	3
Lohse	4697	4	Nasmyth	2274	14	Plinius	520	5
Longomontanus	2706	14	Naumann	1874	9	Plutarch	26	6
Louville	1620	8	Neander	4418	3	Poisson	3501	3
Lubbock	4261	4	Nearch	3950	1	Polybius	4107	3
Lubiniezky	2829	12	Nebularum (Palus)	922	7	Pons	4096	3
Luther	491	5	Nectaris (Mare)	4153	3	Pontanus	3809	3
Lyell	201	4	Neison	990	7	Pontécoulant	4517	1
MacClure	4344	4	Neper	6	4	Posidonius	468	5
MacLaurin	4660	4	Neumayer	3931	1	Prinz	1754a	9
Maclear	535	5	Newcomb	311	6;5	Procellarum (Oc.)	1831	11
Macrobius	180	6	Newton	3306	14	Proclus	198	4
Mädler	4222	3	Nicolai	4003	1	Proctor	3213	14
Magelhaens	4335	4	Nicollet	3055	12	Protagoras	985	7
Maginus	3203	14	Nöggerath	2275	14	Ptolemaeus	2962	12
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Mairan	1611	8	Novum (Mare)	140a	6	Purbach	3082	12
Malapert	3322	1;14	Nubium (Mare)	2801	12	Putredinis (Pa.)	908	5;10
Mallet	4510	1	OEnopides	1712	8	Pyrenees	4302	4
Manilius	794	5	OErsted	394	7	pythagoras	1697	8
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Marco Polo	1201	10	Opelt	2852	12	Réaumur	3639	3
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Rocca	2021	11	Sosigenes	572	5	Vaporum(Mare)	890	5
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Schneckenberg	872	5	Taquet	587	5	Wilkins	4102f	3
Schomberger	3333	1	Taruntius	215	4	Williams	460b	7
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Seleucus	1849	9	Timaeus	1051	8;7	Yerkes	114	4
Seneca	137	6	Timocharis	1296	10	Young	4446	1;2
Serao	1285	10	Timoleon	137a	6			
Serenitatis(M.)	636	5	Tisserand	184	6	Zach	3384	1
Sharp	1628	8	Torricelli	4224	3	Zagut	4046	3
Sheepshanks	698	7	Tralles	176	6	Zeno	354	6
Short	3312	14	Tranquilli-	254	5;4	Zöllner	3996	3
Shuckburgh	363	7	tatis(M.)			Zuchius	2640	14
Siloerschlag	816	5	Triesnecker	846	5	Zupus	2139	11;13

