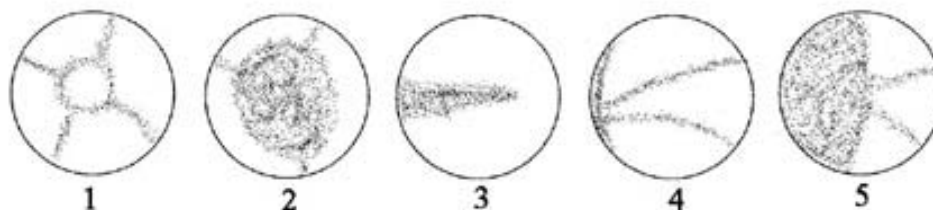


Association of Lunar & Planetary Observers

Lunar Topographical Studies Section Banded Craters Program

Coordinator - Wayne Bailey

wayne.bailey@alpo-astronomy.org



These highly stylized drawings are intended only to give a general impression of each Group

In the March 1955 Journal of the British Astronomical Association, K. W. Abineri and A. P. Lenham published a paper in which they suggested that banded craters could be grouped into the following five categories:

Group 1 - (Aristarchus type) Craters are very bright, quite small, and have fairly small dark floors leaving broad bright walls. The bands, on the whole, apparently radiate from near the centre of the craters. These craters are often the centres of simple bright ray systems.

Group 2 - (Conon type) Rather dull craters with large dark floors and narrow walls. Very short bands show on the walls but cannot be traced on the floors. The bands, despite their shortness, appear radial to the crater centre.

Group 3 - (Messier type) A broad east-west band is the main feature of the floors.

Group 4 - (Birt type) Long, usually curved, bands radiate from a non-central dull area. The brightness and size are similar to the Group 1 craters.

Group 5 - (Agatharchides A type) One half of the floor is dull and the bands radiate from near the wall inside this dull section and are visible on the dull and bright parts of the floor.

BANDED CRATERS BY NAMED FEATURE

NAMED FEATURE	LUNAR LONG.	LUNAR LAT.	GROUP
(Unnamed Feature)	E0.9	S18.0	1
(Unnamed Feature)	E4.8	N23.4	4
(Unnamed Feature)	W45.4	S23.6	3
(Unnamed Feature)	E56.6	N38.3	1
Abbot (Apollonius K)	E54.8	N5.6	1
Abenezra A (Mayfair A)	E10.5	22.8S	2
Abenezra B	E10.1	S20.8	4
Abulfeda A	E10.8	S16.4	1
Abulfeda F	E13.0	S16.2	2
Abulfeda M	E12.2	S15.1	4
Adams B	E65.6	S31.5	2
Agatharchides A (Moore)	W28.4	S23.2	5
Airy A	E7.7	S17.0	4
Albategnius L	E6.3	S12.1	1
Almanon C	E16.0	S16.1	4
Alpetragius B (Garcia-Gomez)	W6.8	S15.1	4
Ammonius (Ptolemaeus A)	W0.8	S8.5	4
Anaxagoras	W10.1	N73.4	N/A
Apollonius B	E57.6	N5.7	1
Apollonius L	E54.6	N6.5	1
Argelander	E5.8	S16.5	4
Argelander A	E6.8	S16.5	4
Aristarchus	W47.4	N23.7	1
Aristillus	E1.2	N33.9	3
Asada (Taruntius A)	E7.3	N49.9	4
Atlas A	E49.6	N45.3	1
Barocius M	E19.5	S42.2	1
Bayer N	W29.2	S48.3	2
Beaumont A	E27.7	S16.3	N/A
Beaumont D	E26.2	S17.0	4
Beaumont E	E27.5	S18.8	1
Bessarion	W37.3	N14.9	N/A
Biot	E51.1	S22.6	1
Biot A	E48.9	S22.2	1
Birt	W8.5	S22.4	4
Black (Kastner F)	E80.4	S9.2	1
Bode	W2.4	N6.7	1
Bode A	W1.1	N9.0	1
BodeB	W3.1	N8.7	4
Boguslawsky C	E27.7	S70.9	1
Bohnenberger G	E41.9	S17.2	1
Bombelli (Apollonius T)	E56.2	N5.3	4
Born (Maclaurin Y)	E66.8	S6.0	1
Boussingault D	E44.9	S63.5	2
Brayley	W36.9	N20.9	N/A
Burg	E28.2	N45.0	N/A
Busching E	E18.4	S36.6	1
Byrgius B	W60.8	S23.9	1
Campanus A	W28.6	S26.0	1

NAMED FEATURE	LUNAR LONG.	LUNAR LAT.	GROUP
Capuanus L	W26.3	S38.3	1
Cavendish E	W54.2	S25.4	3
Cayley	E15.1	N4.0	1
Cepheus A	E46.5	N41.0	4
Chladni	E1.1	N4.0	4
Cichus B	W19.3	S33.2	1
Cichus C	W21.8	S33.5	4
Clavius G	W13.9	S52.0	2
Cleomedes A	E55.0	N28.9	4
Conon	E2.2	N21.6	2
Crile (Proclus F)	E46.0	N14.2	4
Cuvier B	E13.8	S51.7	2
Cuvier E	E12.9	S52.3	2
Cyrillus F	E25.5	S15.3	2
Darney (Lubiniezky B)	W23.5	S14.5	4
Davy A	W7.7	S12.2	4
Davy G	W5.1	S10.4	1
Dawes	E26.4	N17.2	N/A
Descartes A	E15.2	S12.1	4
Drebbel B	W47.3	S37.8	2
Drebbel F	W44.6	S42.7	2
Drebbel G	W45.2	S43.9	2
Drebbel J	W52.3	S40.6	1
Epimenides A	W30.1	S43.2	2
Eudoxus A	E20.0	N45.8	4
Fabbroni (Vitruvius E)	E29.2	N18.7	1
Fourier E	W50.1	S28.7	1
Fra Mauro A	W20.9	S5.4	4
Fra Mauro B	W21.7	S4.0	4
Fracastorius A	E36.5	S24.4	1
Fracastorius B	E37.2	S22.5	2
Fracastorius N	E34.0	S23.2	1
Fracastorius T	E37.4	S19.8	2
Franck (Romer K)	E35.5	N22.6	1
G. Bond	E36.2	N32.4	1
Gambart A	W18.7	N1.0	4
Gambart B	W11.5	N2.2	4
Gambart C	W11.8	N3.3	4
Gemma Frisius Ea	E11.4	S35.2	4
Gemma Frisius Eb	E11.9	S36.7	N/A
Gemma Frisius K	E11.0	S37.4	4
Glaisher	E49.5	N13.2	4
Guericke B	W15.3	S14.5	2
Guericke E	W12.0	S9.6	1
Gutenberg A	E39.9	S9.0	1
Haidinger	W25.0	S39.2	2
Haidinger J	W24.4	S37.9	N/A
Hainzel B	W33.4	S38.0	2
Hainzel J	W37.7	S37.8	1
Hainzel K	W32.3	S37.5	1
Hainzel R	W36.4	S38.7	1

NAMED FEATURE	LUNAR LONG.	LUNAR LAT.	GROUP
Henry Freres (Prosper Henry)	W58.9	S23.5	2
Hercules C	E35.3	N42.7	1
Hercules D	E39.7	N44.8	1
Hercules G	E39.2	N46.4	4
Herschel C	W2.1	S5.7	4
Hippalus B	W30.0	S25.1	4
Hipparchus K	E2.2	S6.9	1
Isidorus D	E34.1	S4.2	1
Isidorus E	E32.6	S5.3	1
Jacobi J	E10.3	S58.0	4
Janssen	E34.4	S44.9	1
Kaiser C	E9.7	S35.6	1
Kepler	W38.0	N8.1	2
KiesA	W22.7	S28.3	3
Kircher A	W42.1	S66.1	2
Konig	W24.6	S24.1	2
Lalande A	W9.8	S6.6	4
Lalande C	W6.9	S5.6	4
Langrenus G	E65.4	S12.1	4
Langrenus M	E66.4	S9.8	4
Lansberg B	W28.1	S2.5	4
Lansberg D	W30.6	S3.0	N/A
Lassell D	W10.5	S14.5	4
Lee E (Vitello C)	W42.5	S32.4	2
Littrow D	E32.8	N23.7	1
Luther	E24.1	N33.2	1
Maginus P	W11.8	S50.7	N/A
Marco Polo	W2.0	N15.4	4
Marinus A	E73.2	S39.9	2
Mason C	E33.8	N42.9	1
Maury	E39.6	N37.1	4
MeeC	W28.7	S45.3	1
MeeP	W30.0	S45.9	2
Menelaus	E16.0	N16.3	2
Mersenius S	W46.9	S19.2	1
Messala A	E53.8	N36.6	5
Messier	E47.6	S1.9	3
Messier A	E47.0	S2.0	3
Milichius	W30.2	N10.0	N/A
Mosting A	W5.2	S3.2	2
Nicollet	W21.9	S12.5	4
Noggerath J	W47.9	S48.4	2
Opelt E	W17.8	S17.0	4
Palisa C	W6.4	S7.7	4
Palisa D	W6.9	S8.6	4
Palisa T	W8.2	S8.2	1
Palisa W	W6.3	S9.1	N/A
Piccolomini E	E31.8	S26.1	3
Piccolomini G	E34.7	S27.2	3
Piccolomini Q	E36.4	S30.8	1
Piccolomini X	E31.5	S26.9	1

NAMED FEATURE	LUNAR LONG.	LUNAR LAT.	GROUP
Poisson C	E8.6	S33.1	2
Poisson K	E9.6	S32.7	N/A
Polybius A	E28.0	S23.0	N/A
Polybius B	E25.5	S25.5	1
Pons F	E21.2	S23.7	1
Pontanus S	E16.8	S31.4	1
Proclus	E46.8	N16.1	N/A
Proclus A	E42.3	N13.4	4
Proclus D	E41.0	N17.5	1
Proclus G	E42.7	N12.7	4
Proclus J	E44.0	N17.1	4
Pytheas	W20.6	N20.5	2
Rabbi Levi F	E20.5	S36.0	1
Rabbi Levi R	E28.2	S33.6	1
Reichenbach A	E49.0	S28.3	2
Reichenbach C	E43.9	S29.3	2
Reichenbach K	E42.4	S28.8	1
Reichenbach P	E49.9	S32.0	1
Riccus B	E27.8	S37.5	2
Riccus E	E26.4	S39.9	1
Riccus M	E26.4	S37.8	1
Rosse	E35.0	S17.9	1
Sacrobosco C	E15.8	S23.0	1
Schickard L	W59.6	S44.1	1
Schomberger A	E24.9	S78.8	1
Shuckburgh C	E52.7	N43.5	1
Silberschlag	E12.5	N6.2	1
Strabo	E54.3	N61.9	1
Street	W13.3	S46.5	3
Thaetetus	E6.0	N37.0	2
Thebit A	W4.9	S21.5	4
Theon Junior	E15.8	S2.3	1
Theon Senior	E15.4	S0.8	1
Timocharis	W13.1	N26.7	2
Turner	W13.2	S1.4	1
Vitello A	W41.9	S34.1	2
Vitello D	W41.0	S33.2	2
Wilhelm A	W22.0	S44.6	2
Wilhelm B	W22.8	S43.5	2
Wilhelm E	W17.9	S44.1	N/A
Wilhelm K	W21.7	S44.1	3
Wilhelm O	W17.2	S43.1	1
Wilkins A	E18.9	S29.1	1
Zagut A	E21.8	S32.0	1