

WORKING GROUP FOR PLANETARY SYSTEM NOMENCLATURE (WGPSN)

(GROUP DE TRAVAIL POUR LA NOMENCLATURE DU SYSTEM PLANETAIRE)
(Committee of the Executive Committee)

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During the 22nd IAU General Assembly in the Hague, WGPSN held its 23rd regular meeting on August 16, 1994 with the attendance of 5 WG members and 6 members of supporting Task Groups(TG). Lack of travel funds is making it increasingly difficult for the members to attend the nomenclature meetings. For this reason, and also because there is currently a rather low demand for new nomenclature on planetary bodies, it was decided that in the future WGPSN will meet regularly only at each IAU GA, instead of once a year as in the past. Most of the nomenclature work is now, anyway, being conducted by means of electronic mail. The possibility for additional ad-hoc meetings is left open; e.g., if a new space mission should generate the need for many new names.

CORRECTIONS TO VENUS NOMENCLATURE

Inspection of high-resolution Magellan spacecraft images of Venus has shown that the following features, with names approved by the IAU, are non-existent or have been erroneously listed before. The new listing below is adopted:

OLD LISTING			NEW LISTING			REFERENCE
NAME	LAT	LON	NAME	LAT	LON	
CRATERS						
Cheryl	18.5	326.6	Remove from list			IAU Trans. 22A
Tarbell	5.6	127.5	----- " -----			IAU Trans. 22A
Teasdale	0.8	76.3	----- " -----			IAU Trans. 22A
Ajana	-29.1	175.5	Ayana	-29.5	175.5	IAU Trans. 22A
Bonheur	9.8	288.6	Rosa Bonheur	9.8	102.9	IAU Trans. 22A
Beausoleil	-5.0	102.9	de Beausoleil	-5.0	102.9	IAU Trans. 22A
Este	-34.2	238.7	d'Este	-34.2	238.7	IAU Trans. 22A
Liede	-23.3	266.6	Leida	-32.3	266.6	IAU Trans. 22A
Stephanie	-17.8	31.9	Fatima (crater, see below)			IAU Trans. 22A
Eve	-32.0	0.0	Eve Corona (see below)			IAU Trans. 17B
Other features:						
Corday Patera	62.5	40.0	Baker (crater, see below)			IAU Trans. 21A
Bona Dea Corona	-24.0	157.5	Bona Corona	-24.0	157.5	IAU Trans. 22A
Bhumidevi Corona	17.2	343.6	Bhumidevi Corona	-17.2	343.6	IAU Trans. 22A

NEW NOMENCLATURE

The following nomenclature was approved during the IAU General Assembly in The Hague in August 1994. There are 8 new names for the Moon, 176 for Venus, 11 for Mars, 34 for (951) Gaspra, 1 for (243) Ida and 1 for Ida's moon, and 3 names for Neptune rings/ring arcs.

MOON

NAME	LAT	LON	DIAM (KM)	ATTRIBUTE
CRATER				
Ashbrook	-81.4	112.5W	156	Joseph; American astronomer, 1918-1980.
Chappe	-61.2	91.5W	59	d'Auteroche, Jean-Baptiste; French astronom., 1728-1769.
Faustini	-87.3	77.0E	39	Arnoldo; Ital. polar geograph., 1874-1944.
Hedervari	-81.8	84.0E	69	Peter; Hungarian geoscient., 1931-1984.
Nobile	-85.2	53.5E	73	Umberto; Ital. arctic expl., 1885-1978.
Rosseland	-41.0	131.0E	75	Svein; Norwegian astrophys., 1894-1985.
Shackleton	-89.9	-	19	Earnest H.; Eng. antarct. expl., 1874-1922.
von Braun	41.1	78.0W	60	Werner, German-Amer. rocket pioneer, 1912-1977.

VENUS

NAME	LAT	LON	DIAM (KM)	ATTRIBUTE
CRATERS				
Baker	62.6	40.5	105	Josephine; US dancer & singer (1906-1975).
Balch	29.9	282.9	37	Emily; US economist, nobel laur. 1867-1961.
Berggolts	-63.4	53.0	31	Olga; Russian poet 1910-1975.
Bette	-24.6	347.9	6	German first name (form of Elizabeth)
Bickerdyke	-82.0	170.8	39	Mary; American Civil War nurse 1817-1901.
Blanche	-8.5	157.8	18	French first name
Bly	37.7	305.5	20	Nellie; American journalist, 1867-1892.
Caccini	17.4	170.4	38	Francesca; Ital. poet, comp. c. 1581-1640.
Caitlin	-65.3	12.1	14	Welsh first name.
Castro	3.4	233.9	23	Rosalie; Spanish poet 1837-1885.
Cline	-21.8	317.0	40	Patsy; American singer 1932-1963.
Colonna	64.7	216.8	28	Vittoria; Italian poet (c. 1490-1547).
Corinna	22.8	40.4	21	Greek poet c. 490 B.C.
Danute	-63.5	56.5	14	Lithuanian first name
Darline	-19.3	232.6	13	Anglo-Saxon first name.
Devorah	-22.5	343.4	6	Hebrew first name.
Dix	-36.9	329.1	68	Dorothea; US nurse, reformer (1802-1887).
Drena	-20.6	338.6	2	Lithuanian first name.
Durant	-62.3	227.5	23	Ariel; American writer, 1898-1981.
Duse	-82.5	358.0	27	Eleonora; Italian actress (1858-1924).
Edinger	-68.8	208.3	34	Tilly; American geologist, 1897-1967.
Erinna	-78.0	309.0	32	Greek poet c. 500 B.C.
Fatima	-17.8	31.9	15	Arabic first name
Francesca	-28.0	57.7	18	Italian first name
Fukiko	-23.2	105.7	15	Japanese first name
Gautier	26.5	42.8	60	Judith; French novelist 1845-1917.
Giliani	-72.9	142.0	27	Alessandra; Ital. anatomist 1307-1326.
Graham	-6.0	6.0	75	Martha; US dancer, choreograph. (1894-1991)
Grazina	72.5	337.5	15	Lithuanian first name
Gretchen	-59.9	212.3	19	German first name
Grey	-52.4	329.2	50	Jane; English queen (1537-1555).
Hansberry	-22.7	324.1	28	Lorraine; US playwright (1930-1965).
Heather	-6.7	334.1	12	English first name.
Higgins	7.6	241.4	40	Marguerite; US journalist (1920-1966).
Hsueh T'ao	-52.9	13.7	20	Chinese poet, artist (c. A.D. 760).
Hurston	-77.7	94.5	65	Zora; American writer c. 1901-1960.
Ichikawa	-61.6	156.4	36	Fusaye; Japanese feminist 1893-1981.
Ingrid	-12.4	308.8	15	Scandinavian first name
Isako	-9.0	277.9	13	Japanese first name.
Jhirad	-16.8	105.6	50	Jerusha; Indian physician

VENUS (cont.)

NAME	LAT	LON	DIAM (KM)	ATTRIBUTE
CRATERS				
Joshee	5.5	288.8	33	Anandibai; Indian physician 1865-1887.
Kahlo	-59.9	178.8	36	Frida; Mexican artist 1910-1954.
Kala	1.5	314.2	17	Kamchatka first name
Kelly	-4.8	359.2	11	Gaelic first name.
Khelifa	-1.5	129.8	13	Arabic first name.
Laulani	-68.2	121.3	15	Hawaiian first name.
Lazarus	-52.8	127.2	25	Emma; American poet 1849-1887.
Leonard	-73.8	186.0	37	Wrexie; US ass. of P. Lowell 1867-1937.
Lida	-29.1	94.5	14	First name from Greek
Loretta	-19.7	202.5	13	First name from Latin.
Lucia	-62.1	67.8	17	First name from Latin
Maa-Ling	-14.7	359.5	6	Chinese first name.
Makola	-3.8	106.7	18	Hawaiian first name
Maltby	-23.3	119.8	40	Margaret; American physicist 1860-1944.
Markham	-4.1	155.6	69	Beryl; English aviator 1902-1986.
Masako	-30.2	53.1	26	Hozyo; Japanese ruler 1157-1225.
Megan	-61.7	130.6	17	Welsh first name
Melanie	-62.8	144.3	16	First name from Greek
Mirabeau	1.1	284.3	22	Sibylle; French writer d.1932.
Miriam	36.5	48.2	15	First name from Hebrew
Nevelson	-35.3	307.8	75	Louise; American artist 1899-1988.
Nofret	-58.7	252.0	22	Egyptian queen (c. 1900 B.C.).
Noreen	33.5	22.7	19	Irish first name
Noriko	-5.3	358.3	7	Japanese first name.
Orczy	3.6	52.2	29	Emmuska; Hungarian novelist 1865-1947.
Peggy	-20.4	357.2	12	English first name (form of Margaret).
Phryne	-46.2	314.8	40	Greek model, courtesan 4th cen. B.C.
Ponselle	-63.0	289.0	52	Rosa; American opera singer 1897-1981.
Potter	7.2	309.4	52	Beatrix; English author 1866-1943.
Raisa	27.5	280.3	13	Russian first name.
Rand	-63.8	59.5	27	Ayn; American writer 1905-1982.
Rhoda	11.5	347.7	13	First name from Greek
Rhys	8.6	298.8	45	Jean; Welsh writer 1894-1979.
Sanija	33.1	250.0	17	Tatar first name
Sartika	-63.4	67.1	28	Ibu Dewi; Indon. educator 1884-1942.
Sayers	-67.5	230.0	90	Dorothy L.; Eng. novel., playwr., 1893-1957
Shih Mai-Yu	18.4	318.9	24	Chinese physician, 1873-1954.
Sidney	13.4	199.6	20	Mary; Elizabethan dramatist, 1561-1621.
Storni	-9.8	245.6	25	Alfonsina; Argentine poet (1892-1938).
Uvaysi	2.3	198.2	40	Uzbek poet c. 1780-c. 1850.
Vashti	-6.8	43.7	17	Persian first name
Vesna	-60.3	220.4	17	Slavic first name
von Paradis	-32.2	314.8	36	Maria; Austrian pianist 1759-1834.
Wieck	-74.2	244.9	21	Clara; German pianist, comp. 1819-1896.
Wu Hou	-25.4	317.4	30	Chinese empress c. 624-705.
Yoshioka	-32.4	58.8	20	Yayoi; Japanese physician, c. 1871-1959.
Yvonne	-56.0	298.3	15	French first name
Zenobia	-29.3	28.5	39	Queen of Palmyra (Syria), 3rd cen. A.D.
COLLES				
Mena Colles	-52.5	160.0	850	Roman goddess of menses.
CORONAE				
Aeracura Corona	-19.0	238.5	250	Celtic earth goddess.
Agraulos Corona	-27.7	165.8	170	Greek fertility goddess.

VENUS (cont.)

NAME	LAT	LON	DIAM (KM)	ATTRIBUTE
CORONAE				
Ament Corona	-67.2	217.9	115	Egyptian earth goddess.
Artemis Corona	-35.0	135.0	2600	Named from associated chasma.
Aruru Corona	9.0	262.0	450	Sumerian earth goddess.
Atete Corona	-16.0	243.5	600	Oromo (Ethiopia) fertility goddess.
Beiwe Corona	52.6	306.5	600	Saami (Lapp) fertility goddess.
Beruth Corona	-19.0	233.5	350	Phoenician earth goddess.
Calakomana Corona	6.5	43.5	575	Pueblo Indian corn goddess.
Erkir Corona	-16.3	233.7	275	Armenian earth goddess.
Eve Corona	-32.0	359.8	330	Hebrew first name; changed from Eve crater
Heng-o Corona	2.0	355.0	1060	Named for associated chasma.
Isong Corona	12.0	49.2	540	Ibibio (Nigeria) fertility goddess.
Iweridd Corona	-21.0	310.0	500	Brythonic (English Celtic) earth goddess.
Javine Corona	-5.5	251.2	450	Lithuanian harvest goddess.
Jungkowa Corona	37.0	257.0	400	Yulengor (Australia) fertility goddess.
Krumine Corona	-5.0	261.5	300	Lithuanian forest goddess.
Lilwani Corona	-29.5	271.5	500	Hittite earth goddess.
Maram Corona	-7.5	221.5	600	Oromo (Ethiopia) fertility goddess.
Nabuzana Corona	-8.5	47.0	525	Ganda (Uganda) crop goddess.
Nagavonyi Corona	-18.5	259.0	190	Ganda (Uganda) crop goddess.
Oanuava Corona	-32.5	255.5	375	Gaulish Celtic earth goddess.
Oduduva Corona	-11.0	211.5	150	Yoruba (Nigeria) fertility goddess.
Pavlova Corona	14.3	38.9	37	Anna; Russian ballet dancer 1881-1931.
Poloznitsa Corona	0.5	302.0	675	Finno-Ugric grain goddess.
Pani Corona	19.9	231.5	320	Maori fertility goddess.
Perchta Corona	17.0	234.5	500	German fertility goddess.
Phra Naret Corona	-66.6	209.6	150	Thai fertility goddess.
Tacoma Corona	-37.0	288.0	500	Earth goddess of Salish, Puyallup & Yakima Indians.
Takus Mana Corona	-19.6	345.3	290	Hopi (USA) fertility goddess.
Taranga Corona	16.5	251.5	525	Polynesian fertility goddess.
Tumasa Corona	-16.3	351.2	110	Hopi (USA) fertility goddess.
Zemina Corona	-11.7	186.0	530	Lithuanian fertility goddess.
Zisa Corona	12.0	221.0	850	German harvest goddess.
DORSA				
Chih Nu Dorsum	-73.0	195.0	625	Chinese sky goddess.
Nambi Dorsum	-72.5	213.0	1125	Ugandan sky goddess.
Saule Dorsum	-58.0	206.0	1375	Lithuanian sun goddess.
Vaiva Dorsum	-53.2	204.0	520	Lithuanian rainbow goddess.
FARRA				
Aegina Farrum	35.5	20.9	60	Greek river nymph.
Anqet Farrum	33.6	311.5	125	Egyptian goddess of fertile waters.
Carmenta Farra	12.4	8.0	180	Roman goddess of springs.
Egeria Farrum	43.6	7.5	40	Roman water nymph.
Flosshilde Farra	10.5	279.4	75	German water nymph.
Liban Farra	-23.9	353.5	125	Irish water goddess.
Oshun Farra	4.2	19.3	80	Yoruba (Nigeria) fresh water goddess.
Seoritsu Farra	-30.0	11.0	230	Japanese stream goddess.
FLUCTUS				
Darago Fluctus	-11.5	313.5	775	Philippine volcano goddess.
Henwen Fluctus	-20.5	179.9	485	British Celtic sow-goddess.
Ningyo Fluctus	-5.5	206.0	970	Japanese fish goddess.
Ovda Fluctus	-6.1	95.5	310	Named from regio where located.
Sicasica Fluctus	-52.0	180.4	175	Aymara (Bolivia) mountain goddess.

VENUS (cont.)

NAME	LAT	LON	DIAM (km)	ATTRIBUTE
MONTES				
Idunn Mons	-46.5	213.5	250	Norse goddess.
Ilithyia Mons	-13.5	315.5	90	Greek goddess of childbirth.
Mbokomu Mons	-15.1	215.2	460	Ngombe (Zaire) ancestor goddess.
Skadi Mons	64.0	4.0	40	Norse mountain goddess.
Talakin Mons	-11.0	355.4	175	Navajo (USA) goddess.
Tuulikki Mons	10.3	274.7	520	Finnish wood goddess.
Xochiquetzal Mons	3.5	270.0	80	Aztec goddess of flowers.
PATERAE				
Aitchison Patera	-16.7	349.4	28	Alison; American geographer.
Ayrton Patera	6.0	228.3	85	Hertha M.; Eng. physicist (1854-1923).
Ledoux Patera	-9.2	224.8	75	Jeanne; French artist (1767-1840).
Raskova Patera	-51.0	222.8	80	Marina M.; Russian aviator (1912-1943).
Tarbell Patera	-58.2	351.5	80	Ida; American author, editor (1857-1944).
Teasdale Patera	-67.6	189.1	75	Sara; American poet (1884-1933).
Tey Patera	-17.8	349.1	20	Josephine; Scottish author (1897-1952).
PLANITIA				
Nsomeka Planitia	-55.0	170.0	7000	Bantu culture heroine.
Tinatin Planitia	-15.0	15.0		Georgian epic heroine.
THOLUS				
Zorya Tholus	-9.4	335.3	22	Slavic dawn goddess.
UNDAE				
Al-Uzza Undae	67.7	90.5	150	Arabian desert goddess.
Menat Undae	-24.8	339.4	25	Arabian desert goddess.
Ningal Undae	9.0	60.7	225	Sumerian desert goddess.
VALLES				
Anuket Vallis	66.7	8.0	350	Egyptian river goddess.
Avfruvva Vallis	2.0	70.0	70	Saami (Lapp) river goddess.
Baltis Vallis	37.3	161.4	6000	Syrian word for planet Venus.
Bayara Vallis	45.6	16.5	500	Dogon (Mali) word for planet Venus.
Belisama Vallis	50.0	22.5	220	English Celtic river goddess.
Bennu Vallis	1.3	341.2	710	Egyptian word for planet Venus.
Citlalpul Valles	-57.4	185.0	2350	Aztec name for planet Venus.
Kallistos Vallis	-51.1	21.5	900	Ancient Greek name for planet Venus.
Lo Shen Valles	-12.8	89.6	225	Chinese river goddess.
Saga Vallis	76.1	340.6	450	Norse goddess in the form of a waterfall.
Samundra Vallis	-24.1	347.1	85	Indian river goddess.
Sati Vallis	3.2	334.4	225	Egyptian river goddess.
Sinann Vallis	-49.0	270.0	425	Irish river goddess.
Ta'urua Vallis	-80.2	247.5	525	Tahitian word for the planet Venus.
Vakarine Vallis	5.0	336.4	625	Lithuanian word for evening planet Venus.
Ymoja Vallis	-71.6	204.8	390	Yoruba (Nigeria) river goddess.

MARS

NAME	LAT	LON	DIAM (KM)	ATTRIBUTE
CRATERS				
Heinlein	-64.6	243.8	83	Robert A.; American author, 1907-1988.
Mellish	-72.9	24.0	99	John E.; Amer. amat. astron., 1886-1970.
Millman	-54.4	149.6	82	Peter; Canadian astron., 1906-1990.

MARS (cont.)

NAME	LAT	LON	DIAM (KM)	ATTRIBUTE
CRATERS				
Roddenberry	-49.9	4.5	140	Gene; Amer. eng. & TV prod., 1921-1991.
Verlaine von Braun	-9.4	295.9	42	Town in Belgium
CAVUS				
Anseris Cavus	-30.0	264.5	35	Named for albedo feature Anseris Fons.
CHAOS				
Hellas Chaos	-46.0	293.0	900	Named for albedo feature Hellas.
MENSA				
Ceti Mensa	-5.9	76.3	55	Albedo feature Ceti Lacus.
MONS				
Labeatis Mons	37.8	75.9	28	Named for albedo feature Labeatis Lacus.
PLANUM				
Thaumasia Planum	-22.0	65.0	930	Albedo feature at 30S, 75W.
VALLIS				
Mad Vallis	-58.0	283.0	460	River, Vermont, USA.

(951) GASPRA

NAME	LAT	LON W	RAD (KM)	ATTRIBUTE
CRATERS				
Aix	47.9	160.3	7	Spa in France.
Alupka	65.0	65.0		Spa in Crimea, Ukraine.
Baden-Baden	46.0	55.0		Spa in Germany.
Badgastein	25.0	3.0		Spa in Austria.
Bagnoles	55.0	122.0		Spa in France.
Bath	13.4	9.7	10	Spa in England.
Beppu	3.9	58.4	5	Spa on Kyushu, Japan.
Brookton	27.7	103.3	6	Spa in New York, USA.
Calistoga	30.0	2.0		Resort in California, USA.
Carlsbad	29.7	88.8	5	Spa in Czech Republic.
Charax	8.6	0	11	Roman fortress in Gaspra, Crimea, Ukraine defines zero meridian on Gaspra.
Helwan	22.4	118.9	6	Spa in Egypt.
Ixtapan	11.9	86.9	5	Spa in Mexico.
Katsiveli	55.0	65.0		Spa in Crimea, Ukraine.
Krynica	49.0	35.0		Health resort in Poland.
Lisdoonvarna	16.5	358.2	10	Spa in Ireland.
Loutraki	42.0	140.0		Spa in Greece.
Mandal	23.5	46.5	5	Beach town in Norway.
Manikaran	62.0	155.0		Spa in India.
Marienbad	35.4	81.8	5	Spa in Czech Republic.
Miskhor	15.0	65.9	5	Spa in Crimea, Ukraine.
Moree	15.1	164.5	6	Spa in Australia.
Ramlösa	15.0	4.9	10	Spa in Sweden.
Rio Hondo	31.7	20.7	7	Spa in Argentina.
Rotorua	18.8	30.7	6	Spa in New Zealand.
Saratoga	50.0	270.0		Spa in New York, USA.
Spa	51.5	152.0	6	Health resort in Belgium.

(951) GASGRA (cont.)

NAME	LAT	LON W	RAD (KM)	ATTRIBUTE
CRATERS				
Tang-Shan	59.0	256.0		Spa in China.
Yalova	29.0	10.0		Health resort in Turkey.
Yalta	57.6	261.3	5	Spa in Crimea, Ukraine.
Zohar	23.0	118.0		Spa in Israel.
REGIO				
Dunne Regio	15.0	15.0		James; Galileo Project planner(1934-1992)
Neujmin Regio	2.0	80.0		Grigoriy N.; Russian astronomer; discoverer of Gaspra (1885-1946).
Yeates Regio	65.0	75.0		Clayne; Galileo Project manager(1936-1991)

NOTE: The craters and regio above are shown on Gaspra images in ICARUS, Vol. 107, pp 9 and 20, 1994.

(243) IDA

NAME	LAT	LON	RAD (KM)	ATTRIBUTE
CRATER				
Afon	-6.4	0	26	Cave in Russia; defines prime meridian on Ida.

(243) IDA 1 = DACTYL

The satellite discovered about 90 km from the asteroid (243) Ida, on TV-images taken by the Galileo spacecraft during a close approach on Aug. 28 1993, has received the designation (243) Ida 1 and the name Dactyl.

NEPTUNE RINGS

NAME	RADIUS(KM)	ATTRIBUTE
RING		
Lassell	55400	William; English astronomer discovered Triton, 1799-1880.
Arago	57600	Francois J.D.; Dir. Paris Obs., 1786-1853.
RING ARC		
C	62900	Short for "Courage", about 7 deg. east of ring arc "Liberte"