

NASA-CR-194406

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

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HONORARY MEMBER: P.M. Millman

NSG-7553

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It is with great sadness that we have to report the death on 24 August 1990 of the WG's President, Harold Masursky, at the age of 66. Dr. Masursky is known for his many contributions in planetary science and for his many years of dedicated work in planetary nomenclature. During the interim until the next IAU General Assembly the IAU Executive Committee has appointed K. Aksnes as Acting President of the WG.

Since the last IAU General Assembly, the WG has held its 18th regular meeting in Paris and Brittany 19-22 October 1989, with all but two WG members present. More informal ad hoc meetings were attended by 3 to 9 WG and Task Group(TG) members in Pasadena on 28 August 1989 during the Voyager Neptune encounter, in Flagstaff on 22 January 1990, in Paris 14 March 1990, and in the Hague 2-3 July 1990. Much of the nomenclature business is carried out by correspondence, with increasing use of telefax and e-mail.

During the triennium most of the activity of the WG and the TG's has been centered on the nomenclature of Neptune's satellites and rings as revealed by the Voyager spacecraft. The emphasis is now shifting to Venus, in preparation for the detailed radar mapping of that planet begun by the Magellan spacecraft in August 1990.

The WG is asking for IAU approval of the following new planetary nomenclature:

MOON				
<u>Name</u>	<u>Lat</u>	<u>Long</u>	<u>Diam(km)</u>	<u>Attribute</u>
<u>Crater</u>				
Blanchard	58.5S	94.4W	40	J.P. Blanchard(1753-1809) French aeronaut
Bondarenko	17.8S	136.3E	30	V.V. Bondarenko(1937-1961) Soviet student cosmonaut
Konoplev	28.5S	125.5W	25	B.T. Konoplev(1912-1960) Soviet radio engineer
Kramarov	2.3S	98.8W	20	G.M. Kramarov(1887-1970) Soviet space scientist
Murakami	23.3S	140.5W	45	H. Murakami(1872-1947) Japanese physicist/astron.
Pilâtre	60.2S	86.9W	50	R.F. De Pilâtre(1753-1785) French aeronaut
Sternfeld	19.5S	141.5W	110	A.A. Sternfeld(1905-1980) Soviet space scientist
Vinogradov	20.0N	31.2W	15	I.M. Vinogradov(1891-1983) Soviet mathematician

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D. McNally (ed.), *Reports on Astronomy*, Vol. XXIA, 613-619.  
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(NASA-CR-194406) WORKING GROUP FOR  
PLANETARY SYSTEM NOMENCLATURE  
(State Univ. of New York) 7 P

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VENUS

<u>Name</u>	<u>Lat</u>	<u>Long</u>	<u>Attribute</u>
<u>Chasma</u>			
Hina Chasma	63N	18E	Hawaiian Moon goddess
	66N	22E	
<u>Colles</u>			
Molpe Colles	74N	190E	Greek mother of Sirens
	79N	180E	
T'ien Hu Colles	28.5N	11E	Chinese sea goddess
	33N	21E	
<u>Corona</u>			
Bau Corona	51N	254E	Sumerian fertility goddess
	55N	262E	
Cauteovan Corona	29N	140E	Kataba(Columbian fertility goddess)
	34N	148E	
Maslenitsa Corona	76N	197E	Slavonic personification of fertility
	78N	208E	
Mawu Corona	30N	239E	Fon (Dahomey) goddess of fertility
	33N	243E	
Metra Corona	25N	97E	Persian fertility/Moon goddess
	27N	99E	
Nefertiti Corona	34N	47E	Beautiful Egyptian queen
	37N	51.5E	
Nepret Corona	53N	07E	Egyptian grain(abundance) goddess
Neyterkob Corona	48N	203E	Masai Earth/fertility goddess
	51N	206E	
Onatah Corona	49N	05E	Iroquois corn(fertility) goddess
Ops Corona	68.5N	89E	Greek fertility goddess
Xilonen Corona	51N	321E	Mexican maize(fertility) goddess
<u>Crater</u>			
Birute	36N	33.5E	Lithuanian name
Jex-Blake	65.5N	169E	Sophia Jex-Blake(1840-1912) British pioneer woman physician
Lida	36.5N	274E	Russian name
Piret	38N	42E	Estonian name
Sveta	82.5N	271E	Russian name
<u>Dorsa</u>			
Salme Dorsa	56N	25E	Estonian sky maiden
	60N	31E	
Sige Dorsa	30N	105E	Babylonian sky goddess
	34N	108E	
<u>Fluctus</u>			
Neago Fluctus	46.5N	348E	Seneca(American Indian)goddess
	54N	354E	
<u>Fossa</u>			
Felesta Fossae	33N	46E	Amazon queen in Scythian tales
	37N	47E	
Manto Fossae	63N	55N	Greek war goddess
	66N	65E	
Valkyrie "	57.5/60N	5/10E	Teutonic war goddess

## VENUS(cont.)

<u>Name</u>	<u>Lat</u>	<u>Long</u>	<u>Attribute</u>
<u>Mons</u>			
Bécuma Mons	34N	22E	Irish dawn goddess(Mar)
Bunzi Mons	46N	355E	Woyo (Zaire) rainbow goddess
Eostre Mons	45N	329.5E	Teutonic goddess of spring
Hallgerda Mons	55N	198E	Icelandic goddess of vanity
Jael Mons	52N	121E	Hebrew Goddess of dawn
Kurukulla Mons	48.5N	103E	Etan goddess of health
Milda Mons	52.5N	159.5E	Lithuanian goddess of love
Muta Mons	56N	359E	Roman goddess of silence
Seshat Mons	26.5N	33E	Egyptian goddess of writing
<u>Patera</u>			
Anning Paterae	66N	57.5E	Mary Anning(1799-1847)
	66.5N	58E	English paleontologist
Anthony Patera	48N	33E	Susan B. Anthony
			American suffrage leader
Apgar Patera	43.5N	84E	Virginia Apgar(1909-1974), Am. doctor
Ba'het Patera	48.5N	0E	Egyptian /Angolan leader
Bethune Patera	47N	321.5E	Mary Bethune Cookman(1875-1955)
			American educator
Boadicea Paterae	56N	95E	Queen(d. 60 A.D.)of Iceni (Norfolk,
	77N	97E	England) tribe who fought the Romans
Bremer Patera	67N	64E	Frederica Bremer(1801-1865),Swed. writer
Carriera "	48.5N	48.5E	Rosalba Carriera(1675-1757),Ital. painter
Cassatt Patera	65.5N	207.5E	Mary Cassatt(1844-1926), Amer. painter
Cavell Patera	38N	19E	Edith Cavell(1865-1915), Brit. nursehero
Corday Patera	62.5N	40E	Charlotte Korday(1768-1793),Fr. martyr
Davies Patera	47N	269E	Emily S. Davies(1830-1921),Br. educator
Eliot Patera	39N	79E	George Eliot(Mary Ann Evans)(1819-1880)
			English writer
Keller Patera	45N	273.5E	Helen Keller(1880-1968), Amer. writer
Labé Patera	52N	273E	Louise Labé(1524-1566), French poet
Malintzin Patera	57N	82E	Malintzin(Malina)(1501-1550), Aztec(?)
			guide and interpreter for Cortez
Nzingha Patera	69N	206E	Ann Nzingha(1582-1663),Amazon queen
Pocahontas "	65N	49.5E	Pocahontas(1595-1617),Powhatan Ind. woman
Sachs Patera	49N	324E	Nelly Sachs(1891-1970),Ger./Swed. poet
Sand Patera	42N	15.5E	George Sand(Aurora Dupin)(1804-1876)
			English novelist
Schumann-Heink	74N	215E	Ernestine Schumann-Heink(1861-1936)
Patera			German singer
Stopes Patera	42.5N	47E	Marie Stopes(1880-1959), Eng. paleontol.
Tituba Patera	42.5N	214E	Tituba(ca 1692),West Ind. nurse
Woodhull	37.5N	306E	Victoria Woodhull(1838-1927),Amer./Engl.
Patera			lecturer
<u>Planitia</u>			
Audra Planitia	58N	53E	Lithuanian sea mistress
	65N	90E	

## MARS

<u>Name</u>	<u>Lat</u>	<u>Long</u>	<u>Attribute</u>
<u>Cavus</u>			
Ausonia Cavus	32.2S	262.5W	Albedo feature Ausonia
Peraea Cavus	29.9S	264.7W	Albedo feature Peraea
<u>Crater</u>			
Apia	37.7S	271.0W	Town in American Samoa
Arica	24.0S	249.7W	Town in Colombia
Ayr	39.5S	268.2W	Town in Queensland, Australia
Baro	24.9S	249.3W	Town in Iceland
Bazas	28.0S	266.5W	Town in France
Bombala	30.3S	253.9W	Town in New South Wales, Australia
Boullia	23.1S	248.6W	Town in Queensland, Australia
Canas	31.4S	270.1W	Town in Puerto Rico
Caxias	29.5S	100.6W	Town in Brazil
Chefu	23.1S	247.7W	Town in Mozambique
Cooma	24.0S	108.5W	Town in New South Wales, Australia
Cue	36.1S	266.8W	Town in Western Australia
Daan	40.9S	267.6W	Town in China
Dinorwic	30.5S	101.4W	Town in Ontario, Canada
Espino	19.9S	254.7W	Town in Venezuela
Faqu	24.7S	253.6W	Town in Jordan
Gander	31.5S	265.7W	Town in Newfoundland, Canada
Igol	20.4S	254.0W	Town in Hungary
Isil	27.1S	272.0W	Town in Spain
Izendy	29.4S	101.3W	Town in USSR
Kasabi	28.0S	270.9W	Town in Zambia
Khurli	21.2S	252.0W	Town in Pakistan
Kinkora	25.3S	247.0W	Town in Prince Edward Island, Canada
Kinda	26.0S	105.0W	Town in Zaire
Koga	29.3S	103.6W	Town in Tanzania
Kunes	25.5S	252.0W	Town in Norway
Lenya	27.1S	106.7W	Town in Burma
Llanesco	28.6S	101.2W	Town in Spain
Loon	19.0S	246.5W	Town in Ontario, Canada
Mistretta	25.0S	109.1W	Town in Sicily
Mliba	39.9S	272.1W	Town in Swaziland
Nazca	31.9S	266.1W	Town in Peru
Negele	36.0S	264.0W	Town in Ethiopia
Nhill	28.9S	103.2W	Town in Victoria, Australia
Njesko	35.4S	274.8W	Town in Czechoslovakia
Piyi	23.0S	253.3W	Town in Cyprus
Poti	36.5S	273.4W	Town in Armenia, USSR
Quines	42.1S	270.6W	Town in Argentina
Santaca	41.6S	272.5W	Town in Mozambique
Savich	27.8S	263.5W	A.M. Savich, Russian astronomer
Sebec	40.0S	260.5W	Town in Maine, USA
Sinop	23.5S	249.3W	Town in Turkey
Solano	27.0S	251.0W	Town in Phillipines
Sripur	31.1S	100.6W	Town in Bangladesh
Suzhi	27.6S	273.1W	Town in China
Taejin	35.6S	274.3W	Town in Korea
Tala	20.6S	252.2W	Town in Tunisia
Tame	23.0S	107.8W	Town in Colombia
Tecolote	24.9S	106.7W	Town in New Mexico, USA

## MARS (Cont.)

<u>Name</u>	<u>Lat</u>	<u>Long</u>	<u>Attribute</u>
Thom	41.5S	267.5W	Town in Thailand
Tignish	31.1S	273.0W	Town in Prince Edward Island, Canada
Torup	28.1S	262.2W	Town in Sweden
Trinidad	23.8S	251.0W	Town in Peru
Tungla	41.1S	270.1W	Town in Nicaragua
Tugaske	32.2S	101.0W	Town in Saskatchewan
Ulya	18.0S	253.1W	Town in Khabarovsk, USSR
Virrat	31.1S	102.9W	Town in Sweden
Wajir	27.2S	254.5W	Town in Kenya
Wukari	32.2S	102.8W	Town in Nigeria
Zhigou	29.5S	102.5W	Town in China

Dorsa

Hesperia Dorsa	18S	239W	From albedo name Hesperia
	28S	251W	
Tyrrhena Dorsa	17S	240W	From albedo feature Mare Tyrrhenum
	24S	247.5W	

Fluctus

Tantalus	29.3S	102.5W	Albedo feature name
Fluctus			

Mensa

Ausonia Mensa	30.2S	262.5W	From albedo feature Ausonia
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Mons

Anseris Mons	30.1S	263.2W	From albedo feature Anseris
Ausonia Montes	27.9S	260.5W	From albedo feature Ausonia
	29.0S	261.5W	
Centauri Montes	36S	261.7W	From albedo feature Centauri Lacus
	41S	266.5W	
Coronae Mons	34.5S	271.5W	From albedo feature Coronae Fons
Hellas Montes	36.8S	260.6W	From albedo feature Hellas
	39S	260.9W	
Peneus Mons	31.2S	273.9W	From albedo feature Peneus
Peraea Mons	31.3S	273.9W	From albedo feature Peraea

Rupes

Claritas Rupes	19S	106.5W	From albedo feature Claritas
	33S	104.5W	

Vallis

Niger Vallis	32.1S	264.2W	River in Africa
	37.5S	270.0W	

## TRITON (NEPTUNE I)

Abatos Planum	35/8S	35/81E	Sacred Island in Nile
Akupara Maculae	24/31S	61/65E	Tortoise upholding the world (Indian)
Amarum	26N	24.5E	Quicha water boa (Ecuador)
Andvari	20.5N	34E	Fish-shaped dwarf (Norse)
Apep Cavus	20N	301.5E	Dragon of darkness (Egyptian)
Awib Dorsa	1/13S	73/87E	Nama Bushman word for rain (Namibia)

## TRITON (NEPTUNE I) , Cont.

<u>Name</u>	<u>Lat</u>	<u>Long</u>	<u>Attribute</u>
Bheki Cavus	16N	308E	Frog symbolizing Sun (Indian)
Bia Sulci	28/48S	351/14.5E	Yoruba ,river named for God's son
Boynne Sulci	18.5/4S	301/21E	Mythological river (Celtic)
Bubembe Regio	25/43S	285/24.5E	Island location of Mukasa temple
Cay	12S	44E	Mayan deity
Cipango Planum	1/26N	23/46E	Legendary Island (ref:Marco Polo)
Dagon Cavus	29N	354E	Babyl. fertility god, fish-shaped
Dilolo Patera	26N	24.5E	Angolan sacred lake
Doro Macula	27/28S	31/32.5E	Mistress of fishing of Okhotsk Sea
Gandvik Patera	28N	5.5E	Norse tortuous sea
Hekt Cavus	26N	342E	Egyptian Frog goddess
Hili	56/57S	24/38E	Zulu water sprite
Hirugo Cavus	14.5N	345E	Japanes jellyfish deity
Ho Sulci	0.5/2.5N	293/317.5E	Chinese sacred river
Iloba	14.5S	57E	Lozi evil water snake(Zambia)
Jumna Fossae	6.5/20S	38/50E	Hindu river goddess
Kasu Patera	39N	14E	Persian sacred lake
Kasyapa Cavus	7.5N	358E	Hindu god Prajapati as a tortoise
Kibu Patera	10.5N	43E	Mabuiag island of the dead(Melan.)
Kikimora Maculae	28/33.5S	73.5/82E	Slavic spirit of swamps
Kormet Sulci	3S/33N	314/345E	Norse river of the dead
Kraken Catena	12/15N	32.5/41E	Giant Norse sea monster
Kulilu Cavus	41N	4E	Babylonian evil fish-man spirit
Kurma	65.5S	61E	Vishnu as a tortoise(Indian)
Leipter Sulci	6/8N	0/17E	Norse sacred river
Leviathan Patera	16/19N	27/30E	Greek sea monster upholding Earth
Lo Sulci	3/4.5N	316/326E	Chinese sacred river
Mah Cavus	38N	6E	Persian fish upholding universe
Mahilani	49/50.5S	352.5/1E	Tonga sea spirit
Mangwe Cavus	7S	343E	Ila "The Flooder" (Zambia)
Mazomba	18.5S	63.5E	Chaga mythical fishes(Tanzania)
Medamothi Planum	16.5S/17N	50/90E	"Nowhere",fictional Fr. island
Monad Regio	30S/45N	330/90E	Chinese symbol of duality
Namazu Macula	24/26S	12/16E	Japanes mythical fish
Ob Sulci	19S/14N	325.5/327E	Ostiak river entering underworld
Ormet Sulci	18S/29.5N	328/351E	Norse river of the dead
Ravgga	3S	71.5E	Finnish fortune telling fish god
Raz Fossae	1/11N	15/27E	Breton bay of souls
Rem Maculae	11.5/15N	348/351E	Egypt. fish weeping fertile tears
Ruach Planitia	24/31N	19.5/28E	French isle of winds
Ryugu Planitia	3/7S	25/28.5E	Japanese undersea dragon palace
Set Catena	21/23N	35/40E	Egyptian evil water monster
Sipapu Planitia	2/6.5S	32/39E	Hole or lake of emergence(Pueblo)
Slidr Sulci	5S/35N	312.5/13E	Norse river of daggers and spears
Tangaroa	25S	65.5E	New Zealand fishing and sea god
Tano Sulci	23/41N	327/359.5E	Yoruba,river named for son of god
Tuonela Planitia	36/42N	7/19.5E	Finnish realm across black river
Uhlanga Regio	60/0S	285/85E	Zulu reed from which humans came
Ukupanio Cavus	35N	23E	Hawaiian shark god
Vimur Sulci	3/12S	47/77E	Norse Elivagr river
Viviane Macula	29.5/32S	34.5/38.5E	Amour of Merlin (Wales)
Vodyanoy	17S	28.5E	Slavic water spirit (Finland)
Yasu Sulci	2S/5N	332.5/0E	Heavenly peaceful river(Japanese)
Yenisey Fossa	18S/17N	52/56E	Siberian mythical holy river
Zin Maculae	21/27.5S	65/71.5E	Niger water spirits

## NEPTUNE SATELLITES

<u>Name</u>	<u>Temporary designation</u>	<u>Distance from Neptune(Km)</u>
Naiad	1989 N6	48,000
Thalassa	1989 N5	50,000
Despina	1989 N3	52,500
Proteus	1989 N1	117,600

## NEPTUNE RINGS

Galle (N42)	1989 N3R	41,900
Leverrier (N53)	1989 N2R	53,200
Adams (N63)	1989 N1R	62,900