

# WORKING GROUP FOR PLANETARY SYSTEM NOMENCLATURE

(GROUPE DE TRAVAIL POUR LA NOMENCLATURE DU SYSTEME PLANETAIRE)

PRESIDENT	H. Masursky
MEMBERS	K. Aksnes, M. Fulchignoni, G.E. Hunt, M.Ya Marov P.M. Millman, D. Morrison, T.C. Owen, V.V. Shevchenko, B.A. Smith, V.G. Tejfel
CONSULTANTS	J.M. Boyce, G.E. Burba, A.M. Komkov,

Notice of the meetings held during the first two years of the triennium are included in volume XXA, p. 804-807 of this series. The Sixteenth meeting of the Working Group was held in Helsinki, Finland in July 1988, and the seventeenth meeting was held at Baltimore in August 1988 in connection with the General Assembly. At these meetings the following resolutions were proposed:

1. In proposing names for newly discovered satellites of the solar system it is recommended that first consideration be given to procedures already established within the IAU and that, where possible, confusing duplications with asteroid names be avoided.
2. An aquatic theme will be used for features identified during Voyager's encounter with Neptune and its satellites. Names from Greek or Roman mythology associated with Neptune or Poseidon or the oceans will be used for new satellites. Surface features on Triton will be named for water creatures or sacred lakes, rivers, or seas (excluding Greek and Roman names). Large ringed basins, if present, will be named for the primordial sea.
3. Additional features identified on Phobos by the Soviet mission will be named for characters and places in American and French Science fiction books about Mars.
4. The Small Bodies Task Group was activated under the chairmanship of Marciello Fulchignoni; other members include A. Brahic, Y.C. Chang, T. Gombosi, S. Isobe, L. Kasantfomoliti, D.F. Lupishko, D. Morrison, J. Veverka. This Task Group will propose names for features on the nuclei of Halleys and other comets, and additional features recognized on the surface of Phobos. We thank D. Morrison for serving as chairman pro tempore of this Task Group.
5. The name Colombo was proposed for a Saturnian ring feature.
6. Three names proposed for features on Mars and listed in volume XXA of the IAU Proceedings volume were dropped: Amet, Musmar, and Jeki. Other corrections to the lists of names printed in volume XXA of the IAU Proceedings are:

	Incorrect	Correct	Incorrect	Correct
<u>Mars</u>				
	Ecus Chasma	Echus Chasma	Cavi Frigores	Cavi Frigorēs
<u>Jupiter,</u>				
<u>Callisto:</u>				
	Höldr	Höldr		
<u>Uranian Satellites:</u>				
<u>Miranda</u>			<u>Ariel</u>	
	Silicia Regio	Sicilia Regio	Onagh	Oonagh
<u>Titania</u>			<u>Oberon</u>	
	Messima Chasma	Messina Chasma	Nommur chasma	Mommur Chasma

Names for 144 features were proposed in Volume 20A of the IAU

Proceedings: 32 names for Martian features, 20 names for features on Jovian satellites, 82 names for features on Uranian satellites, and 10 names for small Uranian satellites. In addition, we propose for adoption the following 124 names: 100 names for Martian features, 1 feature on the Martian satellite Phobos, 22 features on Callisto, and 1 feature on the Saturn's satellite Rhea:

## MARS

Crater:

Aban	16.2	249.1	Town in USSR
Ajon	16.8	257.9	Town in USSR
Aktaj	20.7	46.5	Town in USSR
Angu	20.3	254.5	Town in Zaire
Argas	23.5	50.1	Town in USSR
Arta	21.6	54.2	Town in USSR
Bada	20.5	50.7	Town in USSR
Bak	18.3	256.3	Town in Hungary
Balvicar	16.5	53.1	Town in Scotland
Beltra	18.3	257.7	Town in Ireland
Bira	25.3	45.9	Town in USSR
Bland	18.5	251.5	Town in Missouri, USA
Calamar	18.4	54.9	Town in Colombia
Camargo	17.9	250.6	Town in Bolivia
Cantoura	15.0	51.5	Town in Venezuela
Chafe	15.4	257.9	Town in Nigeria
Clova	21.7	52.0	Town in Quebec, Canada
Cue	16.7	246.2	Town in Australia
Darvel	17.9	51.0	Town in Scotland
Dersu	25.8	51.9	Town in USSR
Dixie	17.9	55.9	Town in Georgia, USA
Doon	23.8	250.8	Town in Ontario, Canada
Dush	22.6	54.0	Town in Egypt
Floq	15.2	253.0	Town in Albania
Glendore	18.5	51.7	Town in Ireland
Herculaneum	19.2	58.9	Town in Italy
Ikej	21.1	247.6	Town near USSR
Imgr	19.3	249.0	Town in USSR
Ins	24.8	251.2	Town in Switzerland
Jama	21.6	53.1	Town in Tunisia
Kachug	18.4	252.5	Town near Irkutsk, USSR
Kasra	22.2	256.4	Town in Tunisia
Khanpur	20.8	257.5	Town in Pakistan
Korph	19.6	254.7	Town in USSR
Koy	21.6	50.4	Town in USSR
Kular	16.6	252.0	Town in USSR
Lapri	20.6	252.6	Town in USSR
Leuk	24.1	55.0	Town in Switzerland
Littleton	15.9	253.0	Town in Maine, USA
Mago	16.2	254.8	Town in USSR
Mandora	12.4	53.6	Town in Australia
Medrissa	18.8	56.6	Town in Algeria
Meget	19.1	252.9	Town near Irkutsk, USSR
Mirtos	22.3	51.7	Town in Crete (Greece)
Montevallo	15.3	54.2	Town in Alabama, USA
Neive	23.5	253.0	Town in Italy
Never	23.8	254.4	Town in USSR
Northport	18.6	54.2	Town in Alabama, USA
Olenek	20.1	54.2	Town in Yakut, USSR
Pica	20.0	53.2	Town in Chile
Olom	23.2	57.7	Town in USSR
Ome	20.9	256.1	Town in Japan
Onon	16.4	257.6	Town in Mongolia
Palana	21.3	257.5	Town in Kamchatka, USSR
Páros	22.0°N	98.0°W	Modern Greek village on island of same name
Pina	18.6	248.5	Town in Panama
Platte	16.3	247.1	Town in South Dakota, USA

## (Mars craters, cont.)

Pompeii	19.0	59.1	Ruined town in Italy
Poynting	8.5°N	113.0°W	J.H. Poynting; first to theorize that small objects orbiting sun were drawn into it.
Qibā	17.4	257.0	Town in Saudi Arabia
Sabo	25.4	48.9	Town in USSR
Sevi	19.1	257.1	Town in USSR
Sian	20.1	48.0	Town in USSR
Sinda	16.0	248.9	Town in USSR
Souris	19.7	246.9	Town in Manitoba, Canada
Tarma	16.8	250.3	Town in Peru
Tejn	15.7	253.8	Town in Denmark
Teiz	21.4	249.1	Town in East Germany
Tepko	15.5	256.5	Town in Australia
Thermia	19.9	250.9	Town in Greece
Tibrikot	12.7	54.9	Town in Nepal
Tokko	22.7	250.8	Town in Russian USSR
Tokma	21.6	251.6	Town in USSR
Tolon	18.5	255.1	Town in Russian USSR
Tomari	20.1	246.4	Town on Sakhalin Is., USSR
Torbay	18.1	246.1	Town in Australia
Tuapi	17.3	255.8	Town in Nicaragua
Tumul	15.0	255.5	Town in USSR
Turma	17.5	252.1	Town in USSR
Ulu	22.8	252.9	Town in USSR
Urk	23.4	248.7	Town in Netherlands
Utan	24.4	246.3	Town in USSR
Wum	16.1	246.2	Town in Camaroon
Voza	23.5	53.5	Town in Solomon Islands
Xui	15.3	247.6	Town in Brazil
Yalata	22.1	254.0	Town in Australia
Yebra	21.1	254.4	Town in Spain
<u>Colles</u>			
Colles Nili	37/40 N	291/309W	Classical albedo feature, Portus Nili at 38°N, 295°W; also on 40292, 35297 35302
<u>Dorsum</u>			
Iamuna Dorsa	20.4/21.5	50.1/50.4	For albedo feature Iamuna
<u>Fossa</u>			
Gigas Fossae	2.5/5.0°N	128.0/130°W 140°W	Albedo feature Gigas at 0°,
<u>Mensa:</u>			
Labeatis Mensa	25/26°N	73.5/75°W	Albedo feature Labeatis Lacus, at 30°N, 75°W
Lunae Mensa	24/24.5N	61.5/63.5°W	Albedo feature, Lunae Palus, at 17°N, 65°W
Nilokeras Mensae	28.5/34.5N	47/54.5°W	Albedo feature Nilokeras, at 30°N, 55°W
Sacra Mensa	21/27.5°N	63/73.5°W	Albedo feature Sacra Insula, at 20°N, 57°W
Tempe Mensa	27.5/28.5°N	63/64°W	Albedo feature Tempe at 40°N, 70°W

## (Mars, cont.)

Scopulus

Xanthe Scop.	18.8/20.5	51.8/52.4	For albedo feature Xanthe
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Vallis:

Anio Vallis	37.8/38.4N	304/304.5°W	Classical river in Italy; modern Aniene and Tevere rivers
Clanis Valles	33.9/34.1°N	301/302°W	Classical river in Etruria; present Chiana river, Italy
Clasia Vallis	33.3/34.6°N	302/303.4	Classical river in Umbria, Italy
Hypsas Vallis	33.9/34.1°N	301.7/302.4	Classical river in Sicily

## JUPITER

CALLISTOCrater:

Ahti	42.0°N	103.5°W	Finnish water god
Ajleke	23.0°N	101.5°W	Saami god of holidays
Aziren	34.0°N	178.0°W	Estonian spirit of death
Egres	41.5°N	175.5°W	Karelian deity of bean harvest
Hijsi	61.5°N	169.5°W	Karelian deity of hunting
Jymal	59.0°N	120.0°W	Estonian sky god
Kari	48.0°N	118.5°W	Ottar's ancestor
Kul'	63.0°N	124.0°W	Komi wood spirit
Ljekio	48.0°N	162.0°W	Finnish god of grass
Maderatcha	31.0°N	95.5°W	Saami sky god
Nirkas	30.0°N	163.5°W	Karelian patron of squirrel hunt
Norov-Ava	55.0°N	115.0°W	Mordovian mistress of field
Omol'	42.5°N	118.5°W	Komi wood spirit
Reginn	40.5°W	90.5°W	Norse dwarf
Rongoteus	54.0°N	107.0°W	Karelian deity of rye harvest
Rota	28.0°N	110.0°W	Deity of underground world
Tapio	31.0°N	110.0°W	Finnish wood deity
Tontu	28.0N	100.5°W	Finnish god of housekeeping
Tyll	43.5°N	165.5°W	Estonian epic hero
Vanapagan	38.5°N	158.5°W	Estonian wicked giant
Vu-murt	22.0°N	171.5°W	Estonian water spirit
Vutash	32.0°N	103.0°W	Estonian water spirit

## SATURN

RheaCrater

Tirawa	35°N	150°W	Great spirit of Pawnee tribe, North America; created first men.
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## SMALL BODIES

PhobosDorsum

Kepler Dorsum			For Johannes Kepler, 1571-1630; German astronomer
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