

# Sheet1

Label	Name	Pronunciation	Diameter (km)	Mass (×10 <sup>16</sup> kg)
XVI	Metis	'mi:tis	60×40×34	~3.6
XV	Adrastea	,ædrə'sti:ə	20×16×13	~0.2
V	Amalthea	,æmə'l'θi:ə	250×146×128	208
XIV	Thebe	'θi:bi:	116×98×84	~43
I	Io	'aɪ.ʊʊ	3,660.0×3,637.4×3,630.6	8900000
II	Europa	jʊ'rɒʊpə	3121.6	4800000
III	Ganymede	'gænimi:d	5262.4	15000000
IV	Callisto	kə'lɪstɒʊ	4820.6	11000000
XVIII	Themisto	θi'mɪstɒʊ	8	0.069
XIII	Leda	'li:də	16	0.6
VI	Himalia	haɪ'merliə	170	670
X	Lysithea	laɪ'sɪθi:ə	36	6.3
VII	Elara	'elərə	86	87
—	Dia		4 0.009 0	
XLVI	Carpo	'karpɒʊ	3 0.004 5	
—	S/2003 J 12		1 0.000 15	
XXXIV	Euporie	ju:'pɒʊri.i:	2 0.001 5	
—	S/2003 J 3		2 0.001 5	
—	S/2003 J 18		2 0.001 5	
XLII	Thelxinoe	θɛlk'sɪnɒʊi:	2 0.001 5	
XXXIII	Euanthe	ju:'ænθi:	3 0.004 5	
XLV	Helike	'hɛliki:	4 0.009 0	
XXXV	Orthosie	ɔr'θɒsi.i:	2 0.001 5	
XXIV	Iocaste	,aɪ.ə'kæsti:	5	0.019
—	S/2003 J 16		2 0.001 5	
XXVII	Praxidike	præk'sɪdɪki:	7	0.043
XXII	Harpalyke	hɑr'pæliki:	4	0.012
XL	Mneme	'ni:mi:	2 0.001 5	
XXX	Hermippe	hə'mɪpi:	4 0.009 0	
XXIX	Thyone	θaɪ'ɒʊni:	4 0.009 0	
XII	Ananke	ə'næŋki:	28	3
L	Herse		2 0.001 5	
XXXI	Aitne	'aɪtni:	3 0.004 5	
XXXVII	Kale	'keɪli:	2 0.001 5	
XX	Taygete	tei'ɪdʒɪti:	5	0.016
—	S/2003 J 19		2 0.001 5	
XXI	Chaldene	kæl'di:ni:	4 0.007 5	
—	S/2003 J 15		2 0.001 5	
—	S/2003 J 10		2 0.001 5	
—	S/2003 J 23		2 0.001 5	
XXV	Erinome	ɪ'rɪnɒmi:	3 0.004 5	
XLI	Aoede	əɪ'i:di:	4 0.009 0	
XLIV	Kallichore	kə'lɪkəri:	2 0.001 5	
XXIII	Kalyke	'kæliki:	5	0.019
XI	Carme	'karmi:	46	13
XVII	Callirrhoe	kə'lɪrɒʊi:	9	0.087
XXXII	Eurydome	jʊ'rɪdɒmi:	3 0.004 5	
XXXVIII	Pasithee	pə'sɪθi.i:	2 0.001 5	

# Sheet1

XLIX	Kore	'koʊri:	2 0.001 5	
XLVIII	Cyllene	sɪ'li:ni:	2 0.001 5	
XLVII	Eukelade	ju:'kelədi:	4 0.009 0	
—	S/2003 J 4		2 0.001 5	
VIII	Pasiphaë	pə'sɪfeɪ.i:	60	30
XXXIX	Hegemone	hɪ'dʒɛməni:	3 0.004 5	
XLIII	Arche	'ɑrki:	3 0.004 5	
XXVI	Isonoe	aɪ'sɒnəʊi:	4 0.007 5	
—	S/2003 J 9		1 0.000 15	
—	S/2003 J 5		4 0.009 0	
IX	Sinope	sɪ'noʊpi:	38	7.5
XXXVI	Sponde	'spɒndi:	2 0.001 5	
XXVIII	Autonoe	ɔ:'tɒnəʊi:	4 0.009 0	
XIX	Megaclite	ˌmegə'klaɪti:	5	0.021

# Sheet1

<b>Semi-major axis (km)</b>	<b>Orbital period (d)</b>	<b>Inclination (°)</b>	<b>Eccentricity</b>
127690 +7h 4m 30s	0.06°	0.0002	
129000 +7h 9m 30s	0.03°	0.0015	
181366 +11h 57m 23s	0.374°	0.0032	
221889 +16h 11m 17s	1.076°	0.0175	
421700 +1.769 137 786	0.050°	0.0041	
671034 +3.551 181 041	0.471°	0.0094	
1070412 +7.154 552 96	0.204°	0.0011	
1882709 +16.689 018 4	0.205°	0.0074	
7393216	129.87 45.762°	0.2115	
11187781	241.75 27.562°	0.1673	
11451971	250.37 30.486°	0.1513	
11740560	259.89 27.006°	0.1322	
11778034	261.14 29.691°	0.1948	
12 570 424	287.93 27.584°	0.2058	
17144873	458.62 56.001°	0.2735	
17739539 -482.69	142.680°	0.4449	
19088434 -538.78	144.694°	0.096	
19621780 -561.52	146.363°	0.2507	
19812577 -569.73	147.401°	0.1569	
20453753 -597.61	151.292°	0.2684	
20464854 -598.09	143.409°	0.2	
20540266 -601.40	154.586°	0.1374	
20567971 -602.62	142.366°	0.2433	
20722566 -609.43	147.248°	0.2874	
20743779 -610.36	150.769°	0.3184	
20823948 -613.90	144.205°	0.184	
21063814 -624.54	147.223°	0.244	
21129786 -627.48	149.732°	0.3169	
21182086 -629.81	151.242°	0.229	
21405570 -639.80	147.276°	0.2525	
21454952 -642.02	151.564°	0.3445	
22134306 -672.75	162.490°	0.2379	
22285161 -679.64	165.562°	0.3927	
22409207 -685.32	165.378°	0.2011	
22438648 -686.67	164.890°	0.3678	
22709061 -699.12	164.727°	0.1961	
22713444 -699.33	167.070°	0.2916	
22720999 -699.68	141.812°	0.0932	
22730813 -700.13	163.813°	0.3438	
22739654 -700.54	148.849°	0.393	
22986266 -711.96	163.737°	0.2552	
23044175 -714.66	160.482°	0.6011	
23111823 -717.81	164.605°	0.2041	
23180773 -721.02	165.505°	0.2139	
23197992 -721.82	165.047°	0.2342	
23214986 -722.62	139.849°	0.2582	
23230858 -723.36	149.324°	0.3769	
23307318 -726.93	165.759°	0.3288	

## Sheet1

23345093 -776.02	137.371°	0.1951
23396269 -731.10	140.148°	0.4115
23483694 -735.20	163.996°	0.2828
23570790 -739.29	147.175°	0.3003
23609042 -741.09	141.803°	0.3743
23702511 -745.50	152.506°	0.4077
23717051 -746.19	164.587°	0.1492
23800647 -750.13	165.127°	0.1775
23857808 -752.84	164.980°	0.2761
23973926 -758.34	165.549°	0.307
24057865 -762.33	153.778°	0.275
24252627 -771.60	154.372°	0.4431
24264445 -772.17	151.058°	0.369
24687239 -792.44	150.398°	0.3077

# Sheet1

Discovery year	Discoverer	Group
	1979 Synnott (Voyager 1)	Inner
	1979 Jewitt (Voyager 2)	Inner
	1892 Barnard	Inner
	1979 Synnott (Voyager 1)	Inner
	1610 Galilei	Galilean
	1610 Galilei	Galilean
	1610 Galilei	Galilean
	1610 Galilei	Galilean
1975/2000	Kowal & Roemer/Sheppard et al.	Themisto
	1974 Kowal	Himalia
	1904 Perrine	Himalia
	1938 Nicholson	Himalia
	1905 Perrine	Himalia
	2001 Sheppard et al.	Himalia
	2003 Sheppard et al.	Carpo
	2003 Sheppard et al.	?
	2002 Sheppard et al.	Ananke
	2003 Sheppard et al.	Ananke
	2003 Gladman et al.	Ananke
	2003 Sheppard et al.	Ananke
	2002 Sheppard et al.	Ananke
	2003 Sheppard et al.	Ananke
	2002 Sheppard et al.	Ananke
	2001 Sheppard et al.	Ananke
	2003 Gladman et al.	Ananke
	2001 Sheppard et al.	Ananke
	2001 Sheppard et al.	Ananke
	2003 Gladman et al.	Ananke
	2002 Sheppard et al.	Ananke?
	2002 Sheppard et al.	Ananke
	1951 Nicholson	Ananke
	2003 Gladman et al.	Carme
	2002 Sheppard et al.	Carme
	2002 Sheppard et al.	Carme
	2001 Sheppard et al.	Carme
	2003 Gladman et al.	Carme
	2001 Sheppard et al.	Carme
	2003 Sheppard et al.	Ananke?
	2003 Sheppard et al.	Carme?
	2004 Sheppard et al.	Pasiphaë
	2001 Sheppard et al.	Carme
	2003 Sheppard et al.	Pasiphaë
	2003 Sheppard et al.	Carme?
	2001 Sheppard et al.	Carme
	1938 Nicholson	Carme
	2000 Gladman et al.	Pasiphaë
	2002 Sheppard et al.	Pasiphaë?
	2002 Sheppard et al.	Carme

## Sheet1

2003 Sheppard et al.	Pasiphaë
2003 Sheppard et al.	Pasiphaë
2003 Sheppard et al.	Carme
2003 Sheppard et al.	Pasiphaë
1908 Gladman et al.	Pasiphaë
2003 Sheppard et al.	Pasiphaë
2002 Sheppard et al.	Carme
2001 Sheppard et al.	Carme
2003 Sheppard et al.	Carme
2003 Sheppard et al.	Carme
1914 Nicholson	Pasiphaë
2002 Sheppard et al.	Pasiphaë
2002 Sheppard et al.	Pasiphaë
2001 Sheppard et al.	Pasiphaë