

# 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	teɪ'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	

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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

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## Semi-major axis (km) Orbital period (d) Inclination (°) Eccentricity

	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

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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

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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

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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