

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.əʊ	3,660.0×3,637.4×3,630	8900000
II	Europa	jʊ'rɒʊpə	3121.6	4800000
III	Ganymede	'gænimi:d	5262.4	15000000
IV	Callisto	kə'lɪstəʊ	4820.6	11000000
XVIII	Themisto	θi'mɪstəʊ	8	0.069
XIII	Leda	'li:də	16	0.6
VI	Himalia	haɪ'meɪliə	170	670
X	Lysithea	laɪ'sɪθi:ə	36	6.3
VII	Elara	'elərə	86	87
—	Dia		40.009 0	
XLVI	Carpo	'karpəʊ	30.004 5	
—	S/2003 J 12		10.000 15	
XXXIV	Euporie	ju:'pɒʊri.i:	20.001 5	
—	S/2003 J 3		20.001 5	
—	S/2003 J 18		20.001 5	
XLII	Thelxinoe	θelk'sɪnəʊi:	20.001 5	
XXXIII	Euanthe	ju:'ænθi:	30.004 5	
XLV	Helike	'heliki:	40.009 0	
XXXV	Orthosie	ɔr'θɒsi.i:	20.001 5	
XXIV	Iocaste	,aɪ.ə'kæsti:	5	0.019
—	S/2003 J 16		20.001 5	
XXVII	Praxidike	præk'sɪdɪki:	7	0.043
XXII	Harpalyke	hɑr'pæliki:	4	0.012
XL	Mneme	'ni:mi:	20.001 5	
XXX	Hermippe	hə'mɪpi:	40.009 0	
XXIX	Thyone	θaɪ'əʊni:	40.009 0	
XII	Ananke	ə'næŋki:	28	3
L	Herse		20.001 5	
XXXI	Aitne	'aɪtni:	30.004 5	
XXXVII	Kale	'keɪli:	20.001 5	
XX	Taygete	tei'ɪdʒɪti:	5	0.016
—	S/2003 J 19		20.001 5	
XXI	Chaldene	kæl'di:ni:	40.007 5	
—	S/2003 J 15		20.001 5	
—	S/2003 J 10		20.001 5	
—	S/2003 J 23		20.001 5	
XXV	Erinome	ɪ'rɪnəmi:	30.004 5	
XLI	Aoede	əɪ'i:di:	40.009 0	
XLIV	Kallichore	kə'lɪkəri:	20.001 5	
XXIII	Kalyke	'kæliki:	5	0.019
XI	Carme	'karmi:	46	13
XVII	Callirrhoe	kə'lɪrəʊi:	9	0.087
XXXII	Eurydome	jʊ'rɪdəmi:	30.004 5	
XXXVIII	Pasithee	pə'sɪθi.i:	20.001 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	hi'dʒeməni:	3 0.004 5	
XLIII	Arche	'ɑrki:	3 0.004 5	
XXVI	Isonoe	aɪ'sonəʊi:	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 (kr	Orbital period (d	Inclination (°	Eccentricity	Discovery year
127690 +7h 4m 30s	0.06°	0.0002	1979	
129000 +7h 9m 30s	0.03°	0.0015	1979	
181366 +11h 57m 23s	0.374°	0.0032	1892	
221889 +16h 11m 17s	1.076°	0.0175	1979	
421700 +1.769 137 786	0.050°	0.0041	1610	
671034 +3.551 181 041	0.471°	0.0094	1610	
1070412 +7.154 552 96	0.204°	0.0011	1610	
1882709 +16.689 018 4	0.205°	0.0074	1610	
7393216	129.87 45.762°	0.2115	1975/2000	
11187781	241.75 27.562°	0.1673	1974	
11451971	250.37 30.486°	0.1513	1904	
11740560	259.89 27.006°	0.1322	1938	
11778034	261.14 29.691°	0.1948	1905	
12 570 424	287.93 27.584°	0.2058	2001	
17144873	458.62 56.001°	0.2735	2003	
17739539 -482.69	142.680°	0.4449	2003	
19088434 -538.78	144.694°	0.096	2002	
19621780 -561.52	146.363°	0.2507	2003	
19812577 -569.73	147.401°	0.1569	2003	
20453753 -597.61	151.292°	0.2684	2003	
20464854 -598.09	143.409°	0.2	2002	
20540266 -601.40	154.586°	0.1374	2003	
20567971 -602.62	142.366°	0.2433	2002	
20722566 -609.43	147.248°	0.2874	2001	
20743779 -610.36	150.769°	0.3184	2003	
20823948 -613.90	144.205°	0.184	2001	
21063814 -624.54	147.223°	0.244	2001	
21129786 -627.48	149.732°	0.3169	2003	
21182086 -629.81	151.242°	0.229	2002	
21405570 -639.80	147.276°	0.2525	2002	
21454952 -642.02	151.564°	0.3445	1951	
22134306 -672.75	162.490°	0.2379	2003	
22285161 -679.64	165.562°	0.3927	2002	
22409207 -685.32	165.378°	0.2011	2002	
22438648 -686.67	164.890°	0.3678	2001	
22709061 -699.12	164.727°	0.1961	2003	
22713444 -699.33	167.070°	0.2916	2001	
22720999 -699.68	141.812°	0.0932	2003	
22730813 -700.13	163.813°	0.3438	2003	
22739654 -700.54	148.849°	0.393	2004	
22986266 -711.96	163.737°	0.2552	2001	
23044175 -714.66	160.482°	0.6011	2003	
23111823 -717.81	164.605°	0.2041	2003	
23180773 -721.02	165.505°	0.2139	2001	
23197992 -721.82	165.047°	0.2342	1938	
23214986 -722.62	139.849°	0.2582	2000	
23230858 -723.36	149.324°	0.3769	2002	
23307318 -726.93	165.759°	0.3288	2002	

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23345093 -776.02	137.371°	0.1951	2003
23396269 -731.10	140.148°	0.4115	2003
23483694 -735.20	163.996°	0.2828	2003
23570790 -739.29	147.175°	0.3003	2003
23609042 -741.09	141.803°	0.3743	1908
23702511 -745.50	152.506°	0.4077	2003
23717051 -746.19	164.587°	0.1492	2002
23800647 -750.13	165.127°	0.1775	2001
23857808 -752.84	164.980°	0.2761	2003
23973926 -758.34	165.549°	0.307	2003
24057865 -762.33	153.778°	0.275	1914
24252627 -771.60	154.372°	0.4431	2002
24264445 -772.17	151.058°	0.369	2002
24687239 -792.44	150.398°	0.3077	2001

<b>Discoverer</b>	<b>Group</b>
Synnott (Voyager 1)	Inner
Jewitt (Voyager 2)	Inner
Barnard	Inner
Synnott (Voyager 1)	Inner
Galilei	Galilean
Galilei	Galilean
Galilei	Galilean
Galilei	Galilean
Kowal & Roemer/Sheppard et al.	Themisto
Kowal	Himalia
Perrine	Himalia
Nicholson	Himalia
Perrine	Himalia
Sheppard et al.	Himalia
Sheppard et al.	Carpo
Sheppard et al.	?
Sheppard et al.	Ananke
Sheppard et al.	Ananke
Gladman et al.	Ananke
Sheppard et al.	Ananke
Sheppard et al.	Ananke
Sheppard et al.	Ananke
Sheppard et al.	Ananke
Sheppard et al.	Ananke
Gladman et al.	Ananke
Sheppard et al.	Ananke
Sheppard et al.	Ananke
Gladman et al.	Ananke
Sheppard et al.	Ananke?
Sheppard et al.	Ananke
Nicholson	Ananke
Gladman et al.	Carme
Sheppard et al.	Carme
Sheppard et al.	Carme
Sheppard et al.	Carme
Gladman et al.	Carme
Sheppard et al.	Carme
Sheppard et al.	Ananke?
Sheppard et al.	Carme?
Sheppard et al.	Pasiphaë
Sheppard et al.	Carme
Sheppard et al.	Pasiphaë
Sheppard et al.	Carme?
Sheppard et al.	Carme
Nicholson	Carme
Gladman et al.	Pasiphaë
Sheppard et al.	Pasiphaë?
Sheppard et al.	Carme

## Sheet1

Sheppard et al.	Pasiphaë
Sheppard et al.	Pasiphaë
Sheppard et al.	Carme
Sheppard et al.	Pasiphaë
Gladman et al.	Pasiphaë
Sheppard et al.	Pasiphaë
Sheppard et al.	Carme
Sheppard et al.	Carme
Sheppard et al.	Carme
Sheppard et al.	Carme
Nicholson	Pasiphaë
Sheppard et al.	Pasiphaë
Sheppard et al.	Pasiphaë
Sheppard et al.	Pasiphaë