

Sheet1

Label	Name	Pronunciation	Diameter (km)	Mass ( $\times 10^{16}$ kg)
XVI	Metis	'mi:tis	60×40×34	~3.6
XV	Adrastea	ædrə'sti:ə	20×16×13	~0.2
V	Amalthea	æmə'lθi:ə	250×146×128	208
XIV	Thebe	'θi:bi:	116×98×84	~43
I	Io	'aɪ.ʊ	3,660.0×3,637.4×3,630	8900000
II	Europa	jʊ'roʊpə	3121.6	4800000
III	Ganymede	'gænimi:d	5262.4	15000000
IV	Callisto	kə'lɪstʊ	4820.6	11000000
XVIII	Themisto	θi'mɪstʊ	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		4 0.009 0	
XLVI	Carpo	'kɑ:pʊ	3 0.004 5	
—	S/2003 J 12		1 0.000 15	
XXXIV	Euporie	ju:'pʊəri.i:	2 0.001 5	
—	S/2003 J 3		2 0.001 5	
—	S/2003 J 18		2 0.001 5	
XLII	Thelxinoe	θelk'sɪnəʊi:	2 0.001 5	
XXXIII	Euanthe	ju:'ænθi:	3 0.004 5	
XLV	Helike	'helɪki:	4 0.009 0	
XXXV	Orthosie	ɔr'θɒsi.i:	2 0.001 5	
XXIV	Iocaste	ɔɪ.ə'kæsti:	5	0.019
—	S/2003 J 16		2 0.001 5	
XXVII	Praxidike	præk'sɪdɪki:	7	0.043
XXII	Harpalyke	hɑr'pælɪki:	4	0.012
XL	Mneme	'ni:mi:	2 0.001 5	
XXX	Hermippe	hə'mɪpi:	4 0.009 0	
XXIX	Thyone	θaɪ'ʊni:	4 0.009 0	
XII	Ananke	ə'nænɜ:kɪ:	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'rɪnəmi:	3 0.004 5	
XLI	Aoede	eɪ'i:di:	4 0.009 0	
XLIV	Kallichore	kə'lɪkəri:	2 0.001 5	
XXIII	Kalyke	'kælɪki:	5	0.019
XI	Carme	'kɑ:mi:	46	13
XVII	Callirrhoe	kə'lɪrəʊi:	9	0.087
XXXII	Eurydome	jʊ'rɪdəmi:	3 0.004 5	
XXXVIII	Pasithee	pə'sɪθi.i:	2 0.001 5	
XLIX	Kore	'kɔ:ri:	2 0.001 5	
XLVIII	Cyllene	sɪ'li:ni:	2 0.001 5	
XLVII	Eukelade	ju:'kelædi:	4 0.009 0	
—	S/2003 J 4		2 0.001 5	

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VIII	Pasiphaë	pə'sɪfɛi.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'nɒʊpi:	38	7.5
XXXVI	Sponde	'spɒndi:	2 0.001 5	
XXVIII	Autonoe	ɔ:'tɒnəʊi:	4 0.009 0	
XIX	Megaclite	,mɛgə'klɪti:	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
	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

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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
Sheppard et al.	Pasiphaë
Sheppard et al.	Pasiphaë
Sheppard et al.	Carme
Sheppard et al.	Pasiphaë

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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