

Label ^[note 4]	Name	Pronunciation	Image	Abs. magn. ^[65]	Diameter (km) ^{[4][note 5]}	Mass (×10¹⁸ kg) ^{[66][note 6]}	Semi-major axis (km) ^[62]	Orbital period (d) ^{[62][note 7]}	Inclination (°) ^[62]	Eccentricity ^[4]	Discovery year ^[1]	Year announced	Discoverer ^{[69][1]}	Group ^[note 8]
XVI	Metis	^{i}ˈmiːtəs		10.5	43 (60 × 40 × 34)	≈ 3.6	128 000	+0.2948 (+7h 04m 29s)	0.060	0.0002	1979	1980	Synnott (<i>Voyager 1</i>)	Inner
XV	Adrastea	^{i}ˈædrəˈstiə		12.0	16.4 (20 × 16 × 14)	≈ 0.20	129 000	+0.2983 (+7h 09m 30s)	0.030	0.0015	1979	1979	Jewitt (<i>Voyager 2</i>)	Inner
V	Amalthea	^{i}ˈæməlˈθiːə ^[67]		7.1	167 (250 × 146 × 128)	208	181 400	+0.4999 (+11h 59m 53s)	0.374	0.0032	1892	1892	Barnard	Inner
XIV	Thebe	^{i}ˈθiːbiː		9.0	98.6 (116 × 98 × 84)	≈ 43	221 900	+0.6761 (+16h 13m 35s)	1.076	0.0175	1979	1980	Synnott (<i>Voyager 1</i>)	Inner
I	Io	^{i}ˈaioʊ		−1.7	3 643.2 (3660 × 3637 × 3631)	8 931 900	421 800	+1.7627 (+1d 18h 18m 20s)	0.050 ^[68]	0.0041	1610	1610	Galileo	Galilean
II	Europa	^{i}ˈjuəˈroʊpə ^[69]		−1.4	3 121.6	4 799 800	671 100	+3.5255 (+3d 12h 36m 40s)	0.470 ^[68]	0.0090	1610	1610	Galileo	Galilean
III	Ganymede	^{i}ˈɡænəmiːd ^{[70][71]}		−2.1	5 268.2	14 819 000	1 070 400	+7.1556	0.200 ^[68]	0.0013	1610	1610	Galileo	Galilean
IV	Callisto	^{i}ˈkəˈtstoʊ		−1.2	4 820.6	10 759 000	1 882 700	+16.690	0.192 ^[68]	0.0074	1610	1610	Galileo	Galilean
XVIII	Themisto	^{i}ˈθəˈmɪstoʊ		13.3	≈ 9	≈ 0.038	7 398 500	+130.03	43.8	0.340	1975/2000	1975	Kowal & Roemer/Sheppard et al.	Themisto
XIII	Leda	^{i}ˈliːdə		12.7	21.5	≈ 0.52	11 146 400	+240.93	28.6	0.162	1974	1974	Kowal	Himalia
LXXI	Ersa	^{i}ˈɜːrsə		16.0	≈ 3	≈ 0.0014	11 401 000	+249.23	29.1	0.116	2018	2018	Sheppard	Himalia
	S/2018 J 2			16.5	≈ 3	≈ 0.0014	11 419 700	+249.92	28.3	0.152	2018	2022	Sheppard	Himalia
VI	Himalia	^{i}ˈhiːmətiə		8.0	139.6 (150 × 120)	420	11 440 600	+250.56	28.1	0.160	1904	1905	Perrine	Himalia
LXV	Pandia	^{i}ˈpænˈdɑːtə		16.2	≈ 3	≈ 0.0014	11 481 000	+251.91	29.0	0.179	2017	2018	Sheppard	Himalia
X	Lysithea	^{i}ˈlaɪˈsiθiə		11.2	42.2	≈ 3.9	11 700 800	+259.20	27.2	0.117	1938	1938	Nicholson	Himalia
VII	Elara	^{i}ˈɛlərə		9.7	79.9	≈ 27	11 712 300	+259.64	27.9	0.211	1905	1905	Perrine	Himalia
	S/2011 J 3			16.3	≈ 3	≈ 0.0014	11 716 800	+259.84	27.6	0.192	2011	2022	Sheppard	Himalia
LIII	Dia	^{i}ˈdaɪə		16.1	≈ 4	≈ 0.0034	12 260 300	+278.21	29.0	0.232	2000	2001	Sheppard et al.	Himalia
	S/2018 J 4			16.7	≈ 2	≈ 0.000 42	16 328 500	+427.63	50.2	0.177	2018	2023	Sheppard	Carpo
XLVI	Carpo	^{i}ˈkɑːrpoʊ		16.2	≈ 3	≈ 0.0014	17 042 300	+456.29	53.2	0.416	2003	2003	Sheppard	Carpo
LXII	Valetudo	^{i}ˈvæləˈtjuːdoʊ		17.0	≈ 1	≈ 0.000 052	18 694 200	+527.61	34.5	0.217	2016	2018	Sheppard	Valetudo
XXXIV	Euporie	^{i}ˈjuːpəriː		16.3	≈ 2	≈ 0.000 42	19 265 800	−550.69	145.7	0.148	2001	2002	Sheppard et al.	Ananke
LV	S/2003 J 18			16.4	≈ 2	≈ 0.000 42	20 336 300	−598.12	145.3	0.090	2003	2003	Gladman	Ananke
LX	Eupheme	^{i}ˈjuːˈfiːmiː		16.6	≈ 2	≈ 0.000 42	20 768 600	−617.73	148.0	0.241	2003	2003	Sheppard	Ananke
	S/2021 J 3			17.2	≈ 2	≈ 0.000 42	20 776 700	−618.33	147.9	0.239	2021	2023	Sheppard	Ananke
LII	S/2010 J 2			17.4	≈ 1	≈ 0.000 052	20 793 000	−618.84	148.1	0.248	2010	2011	Veillet	Ananke
LIV	S/2016 J 1			17.0	≈ 1	≈ 0.000 052	20 802 600	−618.49	144.7	0.232	2016	2017	Sheppard	Ananke
XL	Mneme	^{i}ˈniːmiː		16.3	≈ 2	≈ 0.000 42	20 821 000	−620.07	148.0	0.247	2003	2003	Sheppard & Gladman	Ananke
XXXIII	Euanthe	^{i}ˈjuːˈænθiː		16.4	≈ 3	≈ 0.0014	20 827 000	−620.44	148.0	0.239	2001	2002	Sheppard et al.	Ananke
	S/2003 J 16			16.3	≈ 2	≈ 0.000 42	20 882 600	−622.88	148.0	0.243	2003	2003	Gladman	Ananke
XXII	Harpalyke	^{i}ˈhɑːrˈpələkiː		15.9	≈ 4	≈ 0.0034	20 892 100	−623.32	147.7	0.232	2000	2001	Sheppard et al.	Ananke
XXXV	Orthosie	^{i}ˈɔːrˈθoʊziː		16.6	≈ 2	≈ 0.000 42	20 901 000	−622.59	144.3	0.299	2001	2002	Sheppard et al.	Ananke
XLV	Helike	^{i}ˈhɛləkiː		16.0	≈ 4	≈ 0.0034	20 915 700	−626.33	154.4	0.153	2003	2003	Sheppard	Ananke
	S/2021 J 2			17.3	≈ 1	≈ 0.000 052	20 926 600	−625.14	148.1	0.242	2021	2023	Sheppard	Ananke
XXVII	Praxidike	^{i}ˈprækˈsidəkiː		14.9	7	≈ 0.018	20 935 400	−625.39	148.3	0.246	2000	2001	Sheppard et al.	Ananke
LXIV	S/2017 J 3			16.5	≈ 2	≈ 0.000 42	20 941 000	−625.60	147.9	0.231	2017	2018	Sheppard	Ananke
	S/2021 J 1			17.3	≈ 1	≈ 0.000 052	20 954 700	−627.14	150.5	0.228	2021	2023	Sheppard	Ananke
	S/2003 J 12			17.0	≈ 1	≈ 0.000 052	20 963 100	−627.24	150.0	0.235	2003	2003	Sheppard	Ananke
LXVIII	S/2017 J 7			16.6	≈ 2	≈ 0.000 42	20 964 800	−626.56	147.3	0.233	2017	2018	Sheppard	Ananke
XLII	Theixinoe	^{i}ˈθɛlɪˈsinoʊiː		16.3	≈ 2	≈ 0.000 42	20 976 000	−628.03	150.6	0.228	2003	2004	Sheppard & Gladman et al.	Ananke
XXIX	Thyone	^{i}ˈθaɪˈoʊniː		15.8	≈ 4	≈ 0.0034	20 978 000	−627.18	147.5	0.233	2001	2002	Sheppard et al.	Ananke
	S/2003 J 2			16.7	≈ 2	≈ 0.000 42	20 997 700	−628.79	150.2	0.225	2003	2003	Sheppard	Ananke
XII	Ananke	^{i}ˈəˈnæŋkiː		11.7	29.1	≈ 1.3	21 034 500	−629.79	147.6	0.237	1951	1951	Nicholson	Ananke
	S/2022 J 3			17.4	≈ 1	≈ 0.000 052	21 047 700	−630.67	148.2	0.249	2022	2023	Sheppard	Ananke
XXIV	Iocaste	^{i}ˈiəˈkæstiː		15.5	≈ 5	≈ 0.0065	21 066 700	−631.59	148.8	0.227	2000	2001	Sheppard et al.	Ananke
XXX	Hermippe	^{i}ˈhərˈmɪpiː		15.5	≈ 4	≈ 0.0034	21 108 500	−633.90	150.2	0.219	2001	2002	Sheppard et al.	Ananke
LXX	S/2017 J 9			16.2	≈ 3	≈ 0.0014	21 768 700	−666.11	155.5	0.200	2017	2018	Sheppard	Ananke
LVIII	Philophrosyne	^{i}ˈfɪləˈfroʊziː		16.7	≈ 2	≈ 0.000 42	22 604 600	−702.54	146.3	0.229	2003	2003	Sheppard	Pasiphae
	S/2016 J 3			16.7	≈ 2	≈ 0.000 42	22 719 300	−713.64	164.6	0.251	2016	2023	Sheppard	Carme
	S/2022 J 1			17.0	≈ 1	≈ 0.000 052	22 725 200	−738.33	164.5	0.257	2022	2023	Sheppard	Carme
XXXVIII	Pasithee	^{i}ˈpæsiθiː		16.8	≈ 2	≈ 0.000 42	22 846 700	−719.47	164.6	0.270	2001	2002	Sheppard et al.	Carme
LXIX	S/2017 J 8			17.1	≈ 1	≈ 0.000 052	22 849 500	−719.76	164.8	0.255	2017	2018	Sheppard	Carme
	S/2021 J 6			17.3	≈ 1	≈ 0.000 052	22 870 300	−720.97	164.9	0.271	2021	2023	Sheppard et al.	Carme
	S/2003 J 24			16.6	≈ 2	≈ 0.000 42	22 887 400	−721.60	164.5	0.259	2003	2021	Sheppard et al.	Carme
XXXII	Eurydome	^{i}ˈjuəˈridəmiː		16.2	≈ 3	≈ 0.0014	22 899 000	−717.31	149.1	0.294	2001	2002	Sheppard et al.	Pasiphae
LVI	S/2011 J 2			16.8	≈ 1	≈ 0.000 052	22 909 200	−718.32	151.9	0.355	2011	2012	Sheppard	Pasiphae
	S/2003 J 4			16.7	≈ 2	≈ 0.000 42	22 926 500	−718.10	148.2	0.328	2003	2003	Sheppard	Pasiphae
XXI	Chaldene	^{i}ˈkælˈdiːniː		16.0	≈ 4	≈ 0.0034	22 930 500	−723.71	164.7	0.265	2000	2001	Sheppard et al.	Carme
LXIII	S/2017 J 2			16.4	≈ 2	≈ 0.000 42	22 953 200	−724.71	164.5	0.272	2017	2018	Sheppard	Carme
XXVI	Isonoe	^{i}ˈiːsoʊnoʊiː		16.0	≈ 4	≈ 0.0034	22 981 300	−726.27	164.8	0.249	2000	2001	Sheppard et al.	Carme
	S/2022 J 2			17.6	≈ 1	≈ 0.000 052	23 013 800	−781.56	164.7	0.265	2022	2023	Sheppard	Carme
	S/2021 J 4			17.4	≈ 1	≈ 0.000 052	23 019 700	−728.28	164.6	0.265	2021	2023	Sheppard	Carme
XLIV	Kallichore	^{i}ˈkəˈlɪkəriː		16.3	≈ 2	≈ 0.000 42	23 021 800	−728.26	164.8	0.252	2003	2003	Sheppard	Carme
XXV	Erinome	^{i}ˈɛrɪnəmiː		16.0	≈ 3	≈ 0.0014	23							