#	Asteroid	Date	JD	Asteroid aspect							Comparison star					
				R.A.(1950.)	Dec.(1950.)	λ	β	Δ	r	α	SAO	R.A.(1950.)	Dec. (1950.)	T.	V	B-V
3	Juno	1991 8 18	8486.5	19 05 23	−07 58 48	286.7	14.5	1.98	2.83	13.16	143063	19 05 38.589	−07 31 04.34	G5	7.69	1.14
6	Hebe	1991 8 18	8486.5	22 36 48	−15 00 57	335.2	−5.8	1.04	2.04	6.19	165218	22 36 54.739	−12 52 25.61	G5	7.71	0.79
19	Fortuna	1993 7 19	9187.5	20 25 34	−16 26 55	304.7	2.7	1.39	2.39	3.97	163637	20 27 37.569	−16 26 29.84	K0	9.61	1.53
		1993 7 21	9189.5	20 23 40	−16 32 57	304.3	2.7	1.38	2.39	3.03	163637	20 27 37.569	−16 26 29.84	K0	9.60	1.51
20	Massalia	1992 1 25	8646.5	8 05 30	+18 57 27	119.5	−1.3	1.10	2.08	2.07	97570	08 04 32.052	+19 57 48.94	F8	7.68	0.57
		1992 1 26	8647.5	8 04 29	+19 00 36	119.3	−1.3	1.10	2.08	2.64	97570	08 04 32.052	+19 57 48.94	F8	7.64	0.58
23	Thalia	1991 7 1	8438.5	19 09 42	−31 22 59	285.0	−8.8	2.16	3.16	3.58		anonymous			8.75	0.67
		1991 7 2	8439.5	19 08 41	−31 26 48	284.8	−8.9	2.16	3.16	3.37		anonymous			8.73	0.67
		1992 9 24	8889.5	23 47 34	−17 15 41	350.2	−14.6	1.98	2.95	5.99	165927	23 49 39.708	−16 40 35.90	G5	9.16	0.95
		1992 9 26	8891.5	23 45 45	−17 23 09	349.7	−14.5	1.98	2.94	6.47	165927	23 49 39.708	−16 40 35.90	G5	9.14	0.96
42	Isis	1990 10 9	8173.5	0 32 33	−14 00 38	1.8	−16.1	1.05	2.01	10.06	147331	00 30 17.935	−13 31 58.60	G5	8.78	0.67
		1990 10 11	8175.5	0 30 50	−14 00 51	1.4	−15.9	1.06	2.02	10.70	147331	00 30 17.935	−13 31 58.60	G5	8.73	0.66
		1990 10 18	8182.5	0 25 23	−13 52 01	0.2	−15.2	1.10	2.03	13.24	147331	00 30 17.935	−13 31 58.60	G5	8.74	0.66
		1990 10 19	8183.5	0 24 41	−13 49 33	0.0	−15.1	1.10	2.03	13.62	147331	00 30 17.935	−13 31 58.60	G5	8.74	0.66
63	Ansonia	1991 4 17	8363.5	12 32 32	−10 42 09	191.7	−6.6	1.30	2.28	6.81	157412	12 35 51.788	−11 15 12.92	G5	8.44	1.09
		1991 4 19	8365.5	12 30 42	−10 34 02	191.2	−6.7	1.30	2.28	7.78	157412	12 35 51.788	−11 15 12.92	G5	8.44	1.11
69	Hesperia	1992 9 23	8888.5	22 01 59	−06 25 46	330.3	5.3	2.36	3.27	8.77	145839	22 00 53.885	−06 07 58.33	F8	7.83	0.46
		1992 9 25	8890.5	22 01 00	−06 36 56	330.0	5.2	2.37	3.26	9.36	145839	22 00 53.885	−06 07 58.33	F8	7.84	0.46
73	Klytia	1990 10 16	8180.5	0 16 16	+02 04 52	4.6	0.3	1.62	2.59	6.55	109080	00 11 27.465	+00 35 27.09	G0	9.21	0.48
		1990 10 17	8181.5	0 15 31	+02 00 57	4.4	0.3	1.63	2.59	6.99	109080	00 11 27.465	+00 35 27.09	G0	9.22	0.48
		1990 10 23	8187.5	0 11 20	+01 39 33	3.3	0.4	1.66	2.59	9.52	109080	00 11 27.465	+00 35 27.09	G0	9.21	0.48
77	Frigga	1991 4 19	8365.5	13 12 13	−09 08 28	200.1	−1.4	1.93	2.92	2.69	139193	13 07 42.800	−08 20 02.49	G5	10.06	1.01
100	Hekate	1993 7 22	9190.5	18 45 25	−19 35 23	280.7	3.4	1.67	2.66	6.86	161901	18 48 10.668	−19 40 32.36	K0	8.12	1.17
		1993 7 25	9193.5	18 43 22	−19 46 25	280.2	3.3	1.69	2.66	8.05	161901	18 48 10.668	−19 40 32.36	K0	8.12	1.16
120	Lachesys	1990 10 12	8176.5	1 23 23	+15 57 47	25.2	6.7	2.32	3.31	2.99	92461	01 27 00.484	+16 50 26.82	G5	8.07	0.71
		1990 10 13	8177.5	1 22 35	+15 54 41	25.0	6.7	2.32	3.31	2.74	92461	01 27 00.484	+16 50 26.82	G5	8.09	0.72
124	Alkeste	1991 7 1	8438.5	18 45 57	−17 57 56	281.0	5.0	1.43	2.45	2.40		anonymous			8.27	0.79
		1991 7 2	8439.5	18 45 01	−17 58 58	280.7	5.0	1.43	2.45	2.20		anonymous			8.25	0.79

#	Asteroid	Date	JD		Asteroid aspect							Comparison star				
				R.A.	Dec.	λ	β	Δ	r	α	SAO	R.A.	Dec.	T.	V	B-V
187	Lamberta	1991 4 25	8371.5	15 11 06	–25 38 37	232.3	–7.6	1.12	2.09	9.48	183261	15 09 21.380	–25 26 03.30	G5	9.66	0.94
		1991 4 26	8372.5	15 10 13	–25 43 51	232.2	–7.7	1.12	2.09	9.02	183261	15 09 21.380	–25 26 03.30	G5	9.66	0.95
		1991 4 27	8373.5	15 09 18	–25 48 56	232.0	–7.8	1.11	2.09	8.57	183261	15 09 21.380	–25 26 03.30	G5	9.66	0.94
		1991 4 28	8374.5	15 08 22	–25 53 52	231.8	–8.0	1.11	2.09	8.12	183261	15 09 21.380	–25 26 03.30	G5	9.66	0.94
211	Isolda	1990 10 14	8178.5	0 10 38	+07 20 32	5.4	5.7	1.84	2.81	5.44	109114	00 14 57.003	+08 55 44.65	G0	9.46	0.66
		1990 10 20	8184.5	0 06 42	+06 47 39	4.2	5.6	1.86	2.80	7.72	109114	00 14 57.003	+08 55 44.65	G0	9.48	0.67
		1992 1 25	8646.5	8 27 33	+14 57 28	125.5	–4.1	1.70	2.68	1.64	97822	08 24 06.876	+14 59 18.40	K0	8.58	1.16
306	Unitas	1990 10 9	8173.5	0 11 39	–09 04 45	359.0	–9.5	1.16	2.13	8.50	128656	00 12 06.653	–09 41 12.49	G0	9.20	0.62
		1990 10 11	8175.5	0 10 12	–09 16 35	358.6	–9.5	1.17	2.14	9.42	128656	00 12 06.653	–09 41 12.49	G0	9.21	0.62
		1990 10 21	8185.5	0 04 11	–09 59 14	357.0	–9.6	1.24	2.15	13.86	147093	00 04 57.684	–10 59 00.46	G0	9.49	0.57
		1992 2 3	8655.5	8 09 26	+16 51 31	120.9	–3.2	1.74	2.71	4.46	97661	08 10 47.230	+16 47 55.58	K2	8.32	1.45
		1992 2 5	8657.5	8 07 30	+17 02 55	120.4	–3.1	1.75	2.71	5.32	97815	08 23 42.999	+14 53 04.58	A0	8.53	1.18
313	Chaldea	1993 7 13	9181.5	19 51 48	–04 49 11	299.0	15.9	1.79	2.78	6.55	143849	19 48 24.657	–04 47 08.38	G0	9.65	0.56
		1993 7 15	9183.5	19 49 56	–04 56 34	298.5	15.8	1.79	2.78	6.18	143859	19 48 48.806	–05 29 36.90	G5	9.55	1.15
		1993 7 20	9188.5	19 45 15	–05 17 36	297.3	15.7	1.79	2.78	5.67	143859	19 48 48.806	–05 29 36.90	G5	9.55	1.16
326	Tamara	1991 4 27	8373.5	15 06 14	–28 17 38	232.0	–10.4	1.00	1.97	9.70	183249	15 08 25.398	–27 16 48.59	G5	8.82	1.02
372	Palma	1993 7 24	9192.5	19 59 45	–38 19 06	294.2	–17.4	2.81	3.79	4.86	211879	20 07 38.420	–38 23 21.60	G5	9.36	1.10
375	Ursula	1991 4 20	8366.5	13 54 42	–33 02 31	218.5	–19.9	2.24	3.19	6.79	204906	13 48 21.298	–33 38 47.25	G0	8.79	0.64
		1991 4 23	8369.5	13 51 52	–32 58 57	217.9	–20.1	2.23	3.19	6.47	204906	13 48 21.298	–33 38 47.25	G0	8.78	0.64
376	Geometria	1990 10 14	8178.5	0 44 47	+14 29 58	16.0	8.9	1.44	2.43	3.97	92134	00 50 32.050	+14 11 58.02	G0	9.17	0.58
		1990 10 20	8184.5	0 39 03	+13 51 10	14.4	8.9	1.46	2.44	5.81	92134	00 50 32.050	+14 11 58.02	G0	9.20	0.59
377	Campania	1990 10 16	8180.5	0 06 58	+04 38 04	3.4	3.6	1.56	2.52	7.28	109095	00 13 30.745	+03 48 28.65	G0	9.43	0.61
		1990 10 17	8181.5	0 06 20	+04 30 24	3.2	3.5	1.56	2.52	7.72	109095	00 13 30.745	+03 48 28.65	G0	9.45	0.61
		1990 10 23	8187.5	0 02 57	+03 46 33	2.2	3.2	1.59	2.52	10.25	109001	00 02 36.241	+02 07 09.70	G0	8.67	0.63
409	Aspasia	1993 7 15	9183.5	19 53 39	–05 12 54	299.4	15.4	1.49	2.48	6.91	143859	19 48 48.806	–05 29 36.90	G5	9.55	1.16
		1993 7 20	9188.5	19 48 59	–05 10 03	298.3	15.6	1.49	2.48	6.36	143859	19 48 48.806	–05 29 36.90	G5	9.55	1.16
413	Edburga	1990 10 10	8174.5	1 08 47	–37 34 28	357.9	–40.7	0.84	1.70	23.98	192887	01 00 20.618	–35 57 44.74	G0	9.65	0.50
		1990 10 15	8179.5	1 05 34	–37 08 42	357.5	–40.1	0.85	1.71	24.53	129469	01 40 48.775	–05 22 07.27	G5	8.79	0.79
423	Diotima	1992 9 19	8884.5	23 48 45	–19 04 03	349.6	–16.3	2.05	3.02	5.71	192147	23 44 20.890	–20 02 19.26	F5	9.46	0.45
		1992 9 20	8885.5	23 47 57	–19 07 26	349.4	–16.3	2.05	3.02	5.84	192147	23 44 20.890	–20 02 19.26	F5	9.44	0.45
		1992 9 24	8889.5	23 44 45	–19 19 16	348.6	–16.2	2.06	3.02	6.53	165893	23 45 55.533	–19 09 44.46	K0	7.39	1.05
		1992 9 26	8891.5	23 43 11	–19 24 07	348.3	–16.1	2.07	3.02	6.96	165893	23 45 55.533	–19 09 44.46	K0	7.36	1.07
480	Hansa	1991 4 25	8371.5	15 11 25	–24 55 30	232.2	–6.8	1.76	2.73	7.12	183261	15 09 21.380	–25 26 03.30	G5	9.65	0.94
		1991 4 26	8372.5	15 10 36	–24 46 03	232.0	–6.7	1.76	2.73	6.72	183261	15 09 21.380	–25 26 03.30	G5	9.66	0.95

#	Asteroid	Date	JD	Asteroid aspect							Comparison star					
				R.A.	Dec.	λ	β	Δ	r	α	SAO	R.A.	Dec.	T.	V	B-V
584	Semiramis	1991 4 17	8363.5	12 21 33	−19 49 47	193.0	−16.0	1.95	2.91	6.92	180774	12 22 09.51	−20 31 15.5	9	G5 9.00	0.57
595	Polyxena	1993 7 19	9187.5	20 20 57	−46 41 53	296.2	−26.4	2.10	3.05	8.53	230182	20 20 14.571	−47 08 09.21	K0	9.30	1.27
		1993 7 21	9189.5	20 18 50	−46 46 51	295.8	−26.4	2.10	3.05	8.54	230182	20 20 14.571	−47 08 09.21	K0	9.30	1.26
599	Luisa	1990 10 12	8176.5	1 35 43	−04 57 40	20.3	−13.9	1.09	2.07	6.74	129469	01 40 48.775	−05 22 07.27	G5	9.76	0.70
		1990 10 13	8177.5	1 34 32	−04 52 24	20.0	−13.7	1.09	2.07	6.57	129469	01 40 48.775	−05 22 07.27	G5	9.77	0.70
		1990 10 21	8185.5	1 25 13	−04 04 18	18.1	−12.1	1.11	2.09	6.99	129266	01 20 18.682	−03 16 34.66	G5	9.06	0.95
		1990 10 22	8186.5	1 24 05	−03 57 32	17.9	−11.9	1.12	2.09	7.25	129266	01 20 18.682	−03 16 34.66	G5	9.05	0.95
624	Hektor	1991 4 14	8360.5	13 34 36	−28 18 33	212.4	−17.1	4.14	5.10	3.76	181869	13 38 54.533	−29 00 17.04	G5	9.37	0.70
		1991 4 18	8364.5	13 32 11	−28 13 25	211.9	−17.3	4.14	5.10	3.48	181869	13 38 54.533	−29 00 17.04	G5	9.37	0.70
631	Philippina	1991 4 24	8370.5	14 39 29	−18 23 09	223.2	−2.7	1.73	2.72	3.96	158721	14 37 45.384	−17 34 17.0	G0	9.38	0.53
665	Sabine	1991 4 20	8366.5	12 54 09	−30 30 12	204.8	−22.7	1.85	2.80	8.07	7249-00030	12 53 52.35	−30 33 22.2	–	10.55	0.63
694	Ekard	1991 4 22	8368.5	14 55 14	−20 32 47	227.4	−3.7	1.87	2.84	5.92	183024	14 53 57.733	−20 17 18.33	G5	8.18	0.77
		1991 4 24	8370.5	14 53 36	−20 17 18	226.9	−3.5	1.85	2.84	5.13	183024	14 53 57.733	−20 17 18.33	G5	8.18	0.77
776	Berbericia	1992 9 21	8886.5	22 49 36	−37 41 27	328.5	−27.8	1.69	2.55	14.49	214117	22 46 56.537	−38 06 58.34	G0	8.17	0.64
		1992 10 1	8896.5	22 42 54	−37 19 27	327.3	−26.9	1.75	2.54	16.79	214117	22 46 56.537	−38 06 58.34	G0	8.20	0.65
784	Pickeringia	1991 5 1	8377.5	14 04 26	−21 22 32	216.3	−8.2	1.47	2.47	3.59	182371	14 12 04.106	−20 49 55.97	K0	7.44	1.48
1021	Flamario	1990 10 18	8182.5	2 31 44	−17 37 11	29.0	−30.7	1.06	1.98	15.10	148427	02 27 44.556	−17 11 57.55	G5	8.44	0.98
		1990 10 19	8183.5	2 31 03	−17 42 28	28.8	−30.7	1.05	1.98	15.03	148427	02 27 44.556	−17 11 57.55	G5	8.43	0.98
		1990 10 22	8186.5	2 28 53	−17 55 59	28.2	−30.8	1,05	1.97	14.94	148427	02 27 44.556	−17 11 57.55	G5	8.42	0.98

(665 Sabine: the comparison star is a GSC)

	Asteroid	Type	D(km)	$P_{ref.}$	P_{new}	B-V	A	P	G	Comments
3	Juno	S/S0	244	7.210		0.81	0.18	R	4	Already observed at $\lambda + 180°$.
6	Hebe	S/S0	192	7.274		0.81	0.12	R	4	Already observed at $\lambda + 180°$.
19	Fortuna	G		7.445	7.4410±0.0025	0.72	0.24	R	4	Useful for a pole determination.
20	Massalia	S/S0	151	8.098	8.0926±0.0006	0.81	0.26	P	2	Useful for a pole determination.
23	Thalia	S/S0	111	12.308		0.83	>0.15	P	3	July 1991;
					12.3877±0.0079	0.83	0.10			Sept. 1992; good λ coverage Useful for a pole determination.
42	Isis	S/S0	107	13.59	13.5798±0.0015	0.87	0.35		2	Already observed at $\lambda + 180°$; our curve shows a larger amplitude (+0.1m).
63	Ansonia	S/S0	108	9.298	9.29872±0.0020	0.90	0.74	P	1	Already observed at the same longitude; our curve shows a larger amplitude (+0.2m).
69	Hesperia	M/M0	143	5.655	5.65692±0.0011	0.72	0.22	P	1	Insufficient λ coverage to perform a reliable pole determination.
73	Klytia	S		13.*	8.29652±0.00111	0.86	0.32		1	Already observed close to $\lambda + 180°$, our curve shows a smaller ampl. (–0.48m). See also Sect. 3
77	Frigga	MU	71.0	9.012		0.76	>0.10			Already observed close to $\lambda + 180°$, but both LC are incomplete.
82	Alkmene	S/S0	63.6	12.999		0.80	>0.14		1	Only one other published LC at a different longitude and ours is incomplete.
100	Hekate	S		>10.		0.85	>0.12			Only one previously published LC, all are incomplete.
120	Lachesys	C/C0	178	>20.		0.71	>0.14		0	First published results.
124	Alkeste	S/S0	79.5	9.921		0.84	>0.11		1	Other LC at one different longitude.
187	Lamberta	C/C0	135		10.6626±0.0041	0.72	0.32		0	First published results.
211	Isolda	C/C0	148	18.365*		0.71	>0.10		1	Oct. 1990;
						0.71	>0.08			January 1992; other LC at one different longitude; ours incomplete.
306	Unitas	S/S0	49.2	8.75	8.73963±0.00065	0.87	0.34		2	Oct. 1990.
						0.87	0.23			Feb. 1992. Useful for a pole calculation.
313	Chaldea	C/C0	101	10.08	8.3916±0.0023	0.72	0.20			First complete results.
326	Tamara	C/C0	100		>10.	0.70	>0.06		0	First published results.

	Asteroid	Type	D(km)	$P_{ref.}$	P_{new}	B-V	A	P	G	Comments
372	Palma	FC		17.3*		0.66	0.16		2	Already observed at other longitudes; one LC at the same longitude confirmed by our lightcurve; useful for a pole calculation.
375	Ursula	C		16.83*		0.69	>0.06		1	Other LC at one different longitude.
376	Geometria	S/S0	37.0	7.74	7.7152±0.0030	0.89	0.18		2	Already observed at $\lambda + 180°$; exactly the same amplitude as our LC.
377	Campania	PD		15.	14.557±0.013	0.70	0.18		0	First complete ligutcurve.
409	Aspasia	CX		9.03*	9.0204±0.0018	0.71	0.12		1	Other LC at one different longitude.
413	Edburga	M			>9	0.72	0.46			No other complete results.
423	Diotima	C/C0	217	4.622	3 solutions, cf text	0.67	0.05	P	2	See also Sect. 3
480	Hansa	S/S0	58.0		5.879±0.0018	0.85	0.22		0	The given period is probably the half-period. No other published results.
584	Semiramis	S/S0	56.2	5.068		0.90	0.34	R	4	Improves the λ coverage.
595	Polyxena				5.903±0.0065	0.71	0.42		0	First published LC.
599	Luisa	S/S0	69.6	9.566	9.5633±0.0006	0.83	0.24		1	Other LC at one different longitude.
624	Hektor	D		$6.9205094 \pm 1.0 \cdot 10^{-6}$		0.76	0.76	R	4	Already observed at other longitudes, with very good coverage.
631	Philippina	S/S0	60.5	5.92	5.814±0.046	0.85	0.15		1	Other LC at one different longitude.
665	Sabine				4.292±0.013	0.72	0.34		0	First published lightcurve.
694	Ekard	P		5.925	5.9325±0.0042	0.72	0.36	R	4	Useful for a pole calculation.
776	Berbericia	C		7.672		0.74				No complete LC, neither is ours.
784	Pickeringia					0.70	0.40		0	First published lightcurve.
1021	Flamario	F/C0	103		8.0972±0.0046	0.66	0.14		0	First published lightcurve and period.