

BBSAG

BULLETIN

124

March 15th, 2001

157. LIST OF MINIMA OF ECLIPSING BINARIES

The following table lists 145 electronically recorded (CCD; underlined) and 154 visual timings of minima of eclipsing binaries obtained primarily between October 2000 and February 2001 by the following observers:

EBI	Ernst Blaettler, Wald, Switzerland, blaettler-wald@bluewin.ch
RD	Roger Diethelm, R. Szafraniec Observatory, Metzerlen, Switzerland, diethelm@astro.unibas.ch
PG	Peter Guilbault, Chepachet, R.I., USA, Pete1199@aol.com
BK	Bruce Krobusek, Farmington, N.Y., USA
KL	Kurt Locher, Grüt, Switzerland, locher@tommasi.ch
APs	Anton Paschke, Rüti, Switzerland, Anton@Paschke.com
KT	Kari A. Tikkanen, Oulu, Finland, ktikkane@mail.student.oulu.fi
JVe	Jean-Paul Verrot, Valence, France, jp-verrot@wanadoo.fr

The O-C values given in the table below generally refer to the linear elements of the GCVS 1985, with the remarked exceptions. For the determination of the time of the minima, the tracing paper method was employed. For the reduction of some of the electronic observations, software based on the Kwee-van Woerden algorithm was used. All times are UTC. The complete set of BBSAG Bulletins is now available in the PDF-format at <http://www.astroinfo.org/bbsag/bulletins.html>.

BBSAG Bulletin 124

Nr	Design.	Star	Type	O	e.	O-C	n	Obs	Remarks
36545	0041+306	UU And	p	51846.363	0.002	+0.032	6	KL	
36546			p	<u>51907.2951</u>	<u>0.0007</u>	<u>+0.0264</u>	10	RD	CCD
36547	0153+418	XZ And	p	51854.436	0.003	+0.112	6	KL	
36548	2347+455	AP And	p	51784.345	0.003	+0.004	11	JVe	elem. GEOS Circ. EB 22
36549			p	51811.335	0.008	+0.010	21	JVe	
36550			s	51815.303	0.002	+0.010	10	JVe	
36551			p	51819.286	0.007	+0.025	11	JVe	
36552			s	51842.291	0.006	+0.014	15	JVe	
36553			p	51873.232	0.004	+0.003	12	JVe	
36554	0209+453	CP And	p	<u>51902.2773</u>	<u>0.0013</u>	<u>+0.2523</u>	19	RD	CCD
36555	0154+378	DS And	p	<u>51810.494</u>	<u>0.006</u>	<u>-0.004</u>	26	APs	CCD
36556	0139+445	EP And	p	51854.255	0.005	+0.060	6	KL	
36557	0101+412	V404 And	p	<u>51924.3245</u>	<u>0.0008</u>	<u>+0.0283</u>	11	RD	CCD; elem. IBVS No. 4560
36558	2319-162	CZ Aqr	p	51839.386	0.004	-0.014	6	KL	
36559	2217-009	GK Aqr	s	51846.405	0.004	-0.072	6	KL	elem. Per. Zv. 22, 327
36560	0302+283	TX Ari	p	51810.502	0.006	-0.057	14	JVe	
36561			p	51934.302	0.006	-0.057	20	JVe	
36562	0514+382	RY Aur	p	51938.348	0.005	+0.027	10	KL	
36563	0546+316	RZ Aur	p	51816.536	0.004	-0.109	7	KL	
36564	0542+411	ZZ Aur	p	<u>51901.4624</u>	<u>0.0007</u>	<u>+0.0081</u>	16	RD	CCD
36565	0509+334	CL Aur	p	51910.325	0.005	+0.103	6	KL	
36566	0500+326	EI Aur	p	<u>51901.4739</u>	<u>0.0009</u>	<u>-0.1325</u>	19	RD	CCD
36567	0510+370	EM Aur	p	<u>51901.298</u>	<u>0.002</u>	<u>-0.167</u>	12	RD	CCD
36568	0647+477	HS Aur	p	<u>51955.611</u>	<u>0.003</u>	<u>+0.003</u>	14	RD	CCD
36569	0458+397	HW Aur	p	<u>51926.5380</u>	<u>0.0020</u>	<u>+0.0066</u>	16	RD	CCD; elem. IBVS No. 5016
36570			s	<u>51942.4423</u>	<u>0.0014</u>	<u>+0.0160</u>	12	RD	CCD
36571	0549+523	IZ Aur	p	<u>51951.3554</u>	<u>0.0019</u>	<u>-0.1925</u>	10	RD	CCD; elem. IBVS No. 4586
36572	0624+304	KU Aur	p	51898.376	0.004	+0.045	6	KL	
36573	0554+306	MT Aur	p	<u>51901.4644</u>	<u>0.0018</u>	<u>+0.0125</u>	15	RD	CCD
36574	0553+434	V404 Aur	p	<u>51934.5435</u>	<u>0.0009</u>	<u>-0.2349</u>	11	RD	CCD; elem. IBVS No. 4245
36575	1402+302	TU Boo	s	51877.690	0.005	-0.013	5	KL	elem. A&AS 117, 105
36576	1454+465	AC Boo	p	<u>51955.6085</u>	<u>0.0003</u>	<u>+0.0146</u>	10	RD	CCD
36577	0734+761	Y Cam	p	51854.273	0.006	+0.217	8	KL	
36578	0550+598	TU Cam	p	51629.41	0.03	+0.06	42	KT	normal min.

BBSAG Bulletin 124

Nr	Design.	Star	Type	O	e.	O-C	n	Obs	Remarks
36579	0641+696	AW Cam	p	51578.290	0.008	-0.001	52	KT	normal min.
36580	0354+538	DD Cam	p	51581.54	0.02	-0.05	48	KT	normal min., Hipparcos elem.
36581	0436+728	DN Cam	p	51628.364	0.007	-0.028	24	KT	normal min., Hipparcos elem.
36582			s	51630.619	0.013	-0.015	17	KT	normal min.
36583	0917+774	FN Cam	p	51572.574	0.013	+0.017	22	KT	normal min., Hipparcos elem.
36584			s	51578.319	0.012	+0.007	35	KT	normal min.
36585	0837+191	TX Cnc	p	<u>51952.5177</u>	<u>0.0005</u>	<u>+0.0271</u>	16	RD	CCD
36586	0844+085	TY Cnc	p	51957.460	0.007	-0.206	5	KL	
36587	0843+330	WX Cnc	p	<u>51951.4939</u>	<u>0.0009</u>	<u>+0.0085</u>	19	RD	CCD
36588	0841+130	AC Cnc	p	<u>51967.5024</u>	<u>0.0016</u>	<u>-0.0113</u>	8	RD	CCD
36589	0656-187	UU CMa	p	51825.690	0.009	-0.113	4	KL	
36590	0736+031	RS CMi	p	<u>51967.327</u>	<u>0.003</u>	<u>-0.022</u>	15	RD	CCD; el. BBSAG Bull. 112, 11
36591	0734+079	TU CMi	s	<u>51951.490</u>	<u>0.003</u>	<u>+0.131</u>	11	RD	CCD
36592	0737+048	TX CMi	s	<u>51951.4801</u>	<u>0.0015</u>	<u>-0.0019</u>	10	RD	CCD; el. BBSAG Bull. 106, 7
36593	0737+040	AK CMi	p	51877.609	0.007	-0.002	6	KL	
36594	0706+122	AV CMi	p	<u>51956.310</u>	<u>0.003</u>	<u>-0.007</u>	12	RD	CCD
36595	0244+694	RZ Cas	p	51783.409	0.001	+0.034	11	KT	
36596			p	51789.385	0.002	+0.034	16	KT	
36597			p	51807.315	0.002	+0.035	21	KT	
36598			p	51813.290	0.002	+0.034	18	KT	
36599			p	51837.195	0.003	+0.034	5	KT	
36600			p	51899.350	0.003	+0.036	5	KT	
36601			p	51904.133	0.002	+0.038	7	KT	
36602			p	51906.521	0.003	+0.036	13	KT	
36603	0042+747	YZ Cas	p	51565.405	0.011	+0.002	29	KT	normal min.
36604	0232+710	AB Cas	p	51901.284	0.003	+0.063	6	KL	
36605	2302+592	CR Cas	s	<u>51925.271:</u>	<u>0.010</u>	<u>-0.063</u>	9	RD	CCD
36606	2304+538	IR Cas	p	51926.336	0.003	+0.014	6	KL	
36607	2339+514	IT Cas	p	<u>51877.3442</u>	<u>0.0015</u>	<u>+0.0001</u>	15	RD	CCD; elem. AJ 114, 1206
36608	0048+585	KL Cas	p	51839.549	0.002	+0.003	16	PG	
36609	0242+630	LU Cas	p	<u>51902.2860</u>	<u>0.0011</u>	<u>+0.1206</u>	9	RD	CCD
36610	0012+543	MT Cas	s	<u>51924.2811</u>	<u>0.0016</u>	<u>+0.0088</u>	14	RD	CCD
36611	0013+625	MV Cas	p	<u>51926.3484</u>	<u>0.0008</u>	<u>-0.0832</u>	10	RD	CCD
36612	0018+636	MY Cas	s	<u>51902.2976</u>	<u>0.0011</u>	<u>+0.0240</u>	16	RD	CCD

BBSAG Bulletin 124

Nr	Design.	Star	Type	O	e.	O-C	n	Obs	Remarks
36613	0019+572	NN Cas	s	<u>51879.3166</u>	<u>0.0010</u>	<u>+0.1792</u>	15	RD	CCD
36614	0029+567	NU Cas	p	<u>51884.3866</u>	<u>0.0018</u>	<u>+0.2094</u>	12	EBI	CCD
36615	0045+605	OR Cas	p	51870.257	0.003	-0.013	7	KL	
36616	0042+473	V384 Cas	p	<u>51938.313:</u>	<u>0.005</u>	<u>-0.131</u>	9	RD	CCD
36617	0129+549	V471 Cas	p	<u>51884.3763</u>	<u>0.0012</u>	<u>-0.0354</u>	13	EBI	CCD
36618	0037+499	V523 Cas	p	51839.258	0.006	+0.050	6	KL	
36619	0100+531	V537 Cas		<u>51874.3890</u>	<u>0.0015</u>		11	EBI	CCD; see note p. 9
36620				<u>51879.2863</u>	<u>0.0009</u>		32	EBI	CCD
36621	0024+494	LD328 Cas	p	51821.572	0.009	-0.002	9	PG	elem. BBSAG Bull. 123, 10
36622			p	51846.499	0.008	-0.003	4	KL	
36623			p	51847.585	0.004	0.000	8	KL	
36624			p	51870.336	0.006	-0.009	7	KL	
36625	2208+628	TV Cep	p	51841.506	0.004	+0.078	34	PG	normal min.
36626	2320+726	WZ Cep	s	<u>51884.261</u>	<u>0.002</u>	<u>-0.029</u>	22	RD	CCD; elem. AAS 131, 17
36627	2230.668	XZ Cep	p	51417.718	0.022	+0.025	41	KT	normal min.
36628	2246+647	AH Cep	p	51457.299	0.019	-0.013	79	KT	normal min.
36629	2225+659	BR Cep	p	51846.482	0.008	+0.013	8	KL	
36630	2047+589	DE Cep	p	51842.449	0.006	-0.009	7	KL	
36631	2128+761	EI Cep	p	51437.423	0.024	-0.001	57	KT	norm. m.; elem. AJ 119, 1942
36632	2024+614	HI Cep	p	51847.515	0.006	-0.009	8	KL	elem. BBSAG Bull. 114, 12
36633	2038+565	HK Cep	p	<u>51907.306</u>	<u>0.005</u>	<u>+0.006</u>	7	RD	CCD
36634	2311+624	IM Cep	s	<u>51902.305</u>	<u>0.002</u>	<u>-0.103</u>	14	RD	CCD
36635	2109+575	IO Cep	p	51855.400	0.005	-0.006	6	KL	
36636	2217+555	KV Cep	p	<u>51902.2620</u>	<u>0.0009</u>	<u>-0.0371</u>	16	RD	CCD; see note page 10
36637	2118+604	LP Cep	p	51839.531	0.002	-0.003	16	PG	elem. IBVS No. 4829
36638	0220+809	V358 Cep	p	51839.364	0.007	+0.039	5	KL	elem. BBSAG Bull. 96, 10
36639	0146-211	TW Cet	s	51845.487	0.003	-0.020	7	KL	
36640	0147-198	VY Cet	p	51926.260	0.008	+0.004	6	KL	
36641	1230+269	RW Com	p	<u>51967.535</u>	<u>0.005</u>	<u>-0.026</u>	15	RD	CCD; asymmetric minimum
36642	1209+228	CC Com	p	<u>51967.4802</u>	<u>0.0006</u>	<u>-0.0092</u>	10	RD	CCD
36643	1205-128	W Crv	p	51938.689	0.003	+0.015	8	KL	
36644	1121-164	V Crt	p	51864.692	0.004	+0.002	6	KL	

BBSAG Bulletin 124

Nr	Design.	Star	Type	O	e.	O-C	n	Obs	Remarks
36645	2002+414	WW Cyg	p	51877.306	0.003	+0.033	7	KL	
36646	2051+386	WZ Cyg	p	51854.395	0.006	+0.048	5	KL	
36647	1949+389	NU Cyg	p	<u>51809.478</u>	<u>0.003</u>	<u>-0.013</u>	5	EBI	CCD
36648	1956+373	QW Cyg	s	<u>51860.382:</u>	<u>0.005</u>	<u>-0.068</u>	24	EBI	CCD
36649	2043+539	V366 Cyg	s	<u>51877.330:</u>	<u>0.005</u>	<u>-0.046</u>	15	EBI	CCD
36650	2012+341	V494 Cyg	s	<u>51860.3272</u>	<u>0.0016</u>	<u>+0.0654</u>	28	EBI	CCD
36651	1920+299	V789 Cyg		<u>51867.313</u>	<u>0.003</u>		20	EBI	CCD
36652	1945+361	V809 Cyg	p	<u>51877.2425</u>	<u>0.0014</u>	<u>+0.0322</u>	19	EBI	CCD
36653	1920+276	V842 Cyg	p	<u>51877.292</u>	<u>0.003</u>	<u>-0.004</u>	10	EBI	CCD
36654	1925+288	V859 Cyg	p	<u>51814.3951</u>	<u>0.0009</u>	<u>-0.0350</u>	20	EBI	CCD
36655	1925+329	V865 Cyg	p	<u>51811.4543</u>	<u>0.0018</u>	<u>+0.0438</u>	27	EBI	CCD
36656	1927+282	V874 Cyg	s	<u>51811.4679</u>	<u>0.0016</u>	<u>+0.0217</u>	28	EBI	CCD
36657	1928+320	V877 Cyg	p	<u>51811.4760</u>	<u>0.0014</u>	<u>+0.0268</u>	24	EBI	CCD
36658	1929+335	V880 Cyg	p	<u>51814.3380</u>	<u>0.0011</u>	<u>-0.0013</u>	20	EBI	CCD
36659	1937+269	V931 Cyg	p	<u>51806.362</u>	<u>0.002</u>	<u>+0.017</u>	14	EBI	CCD
36660			s	<u>51806.543</u>	<u>0.004</u>	<u>+0.028</u>	20	EBI	CCD
36661	1937+575	V940 Cyg	s	<u>51860.2710</u>	<u>0.0008</u>	<u>+0.0047</u>	18	EBI	CCD; elem. BBSAG B. 122, 8
36662			p	<u>51860.434</u>	<u>0.003</u>	<u>+0.002</u>	5	EBI	CCD
36663	1937+548	V1143 Cyg	p	51664.369	0.009	-0.018	14	KT	normal min.
36664	1927+296	V1256 Cyg	p	<u>51814.268:</u>	<u>0.004</u>	<u>-0.031</u>	23	EBI	CCD
36665			p	<u>51867.2291</u>	<u>0.0013</u>	<u>-0.0308</u>	19	EBI	CCD
36667	1915+527	GSC3920.882	p	<u>51806.3984</u>	<u>0.0023</u>	<u>-0.0060</u>	26	EBI	CCD; elem. IBVS No. 4996
36668		Cyg	s	<u>51809.4747</u>	<u>0.0017</u>	<u>-0.0051</u>	8	EBI	CCD
36669			p	<u>51811.4828</u>	<u>0.0027</u>	<u>+0.0130</u>	15	EBI	CCD
36670			p	<u>51814.3624</u>	<u>0.0020</u>	<u>-0.0019</u>	20	EBI	CCD
36671	1920+479	GSC3547.216	s	<u>51801.3616</u>	<u>0.0004</u>	<u>-0.0017</u>	15	EBI	CCD; elem. IBVS No. 4996
36672		Cyg	s	<u>51806.3123</u>	<u>0.0022</u>	<u>+0.0020</u>	7	EBI	CCD
36673			p	<u>51806.4837</u>	<u>0.0007</u>	<u>-0.0033</u>	28	EBI	CCD
36674			p	<u>51811.4346</u>	<u>0.0008</u>	<u>+0.0006</u>	25	EBI	CCD
36675			s	<u>51814.4377</u>	<u>0.0002</u>	<u>+0.0001</u>	20	EBI	CCD
36676			p	<u>51850.3057</u>	<u>0.0009</u>	<u>+0.0023</u>	13	EBI	CCD
36666			p	51967.628	0.007	+0.010	6	KL	

BBSAG Bulletin 124

Nr	Design.	Star	Type	O	e.	O-C	n	Obs	Remarks
36677	1924+533	GSC3921. 1531 Cyg	s	<u>51801.4001</u>	<u>0.0013</u>	<u>-0.0017</u>	22	EBI	CCD
36678			s	<u>51805.4409</u>	<u>0.0011</u>	<u>+0.0077</u>	28	EBI	CCD
36679			s	<u>51809.4694</u>	<u>0.0020</u>	<u>+0.0047</u>	10	EBI	CCD
36680			p	<u>51811.3101</u>	<u>0.0015</u>	<u>-0.0023</u>	12	EBI	CCD
36681			s	<u>51811.4832</u>	<u>0.0022</u>	<u>+0.0028</u>	15	EBI	CCD
36682			p	<u>51814.3339</u>	<u>0.0006</u>	<u>-0.0021</u>	14	EBI	CCD
36683			p	<u>51850.2818</u>	<u>0.0007</u>	<u>-0.0012</u>	21	EBI	CCD
36684	2035+181	W Del	p	51811.334	0.008	+0.018	21	JVe	
36685	2051+044	FZ Del	p	51874.220	0.004	-0.041	6	KL	
36686	1142+725	Z Dra	p	51910.397	0.004	-0.136	7	KL	
36687	1841+626	RR Dra	p	51864.706	0.006	+0.060	5	KL	
36688	1214+651	AR Dra	p	51901.485	0.002	+0.005	6	KL	
36689			p	<u>51951.4967</u>	<u>0.0009</u>	<u>+0.0051</u>	17	RD	CCD
36690	1735+686	AU Dra	p	<u>51926.5681</u>	<u>0.0007</u>	<u>-0.0017</u>	14	RD	CCD; elem. IBVS No. 4587
36691	1633+572	CM Dra	p	<u>51951.503</u>	<u>0.002</u>	<u>0.000</u>	8	RD	CCD
36692	1922+698	DW Dra	p	51841.465	0.006	+0.008	5	KL	elem. BBSAG Bull. 118, 7
36693	1906+593	KK Dra	p	51842.498	0.004	+0.003	8	KL	elem. JAAVSO 28, 91
36694			p	51854.435	0.006	+0.011	6	KL	
36695			p	51942.698	0.002	+0.005	7	KL	
36696	2004+632	LD289 Dra	p	51720.668	0.002		25	PG	
36697			p	51726.703	0.001		37	PG	
36698	0419-061	TZ Eri	p	51840.592	0.003	+0.191	9	KL	
36699	0558+231	RW Gem	p	51877.687	0.004	+0.002	8	KL	
36700	0733+170	TX Gem	p	51967.370	0.008	-0.003	6	KL	
36701	0647+214	AF Gem	p	51956.466	0.002	-0.059	10	KL	
36702	0650+160	AH Gem	p	<u>51879.4609</u>	<u>0.0008</u>		32	RD	CCD; see note page 10
36703			s	<u>51879.6310</u>	<u>0.0005</u>		22	RD	CCD
36704	0651+161	AI Gem	p	<u>51879.5741</u>	<u>0.0012</u>		44	RD	CCD; see note page 10
36705	0706+198	AN Gem	p	<u>51955.273</u>	<u>0.005</u>	<u>-1.708</u>	19	RD	CCD
36706	0631+155	BD Gem	p	<u>51867.5051</u>	<u>0.0008</u>	<u>-0.0228</u>	7	RD	CCD
36707	0622+180	BO Gem	p	51902.531	0.008	+0.46	5	KL	
36708			p	<u>51955.49</u>	<u>0.01</u>	<u>+0.53</u>	19	RD	CCD; see note p. 10
36709	0627+196	CK Gem	p	<u>51967.3274</u>	<u>0.0018</u>	<u>-0.0607</u>	17	RD	CCD
36710	0637+219	CW Gem	p	<u>51951.3324</u>	<u>0.0008</u>	<u>-0.0077</u>	13	RD	CCD; elem. BAV Mitt. 69
36711	0637+218	CX Gem	p	51910.525	0.005	-0.013	6	KL	
36712	0559+274	DP Gem	p	<u>51934.570</u>	<u>0.003</u>		13	RD	CCD

BBSAG Bulletin 124

Nr	Design.	Star	Type	O	e.	O-C	n	Obs	Remarks
36713	0642+172	EY Gem	p	<u>51926.5375</u>	<u>0.0010</u>	<u>-0.1958</u>	18	RD	CCD
36714	0654+137	FT Gem	p	<u>51967.523</u>	<u>0.005</u>	<u>-0.012</u>	14	RD	CCD
36715	0642+344	GX Gem	p	<u>51967.284</u>	<u>0.003</u>		18	RD	CCD; GCVS elem. erroneous
36716	0601+266	LP Gem	p	51960.289	0.007	-0.015	5	KL	
36717	1828+125	RX Her	p	51578.623	0.009	+0.001	17	KT	normal min.
36718	1711+307	TU Her	p	51934.653	0.002	-0.102	11	KL	
36719	1732+151	DP Her	p	51840.515	0.002	+0.055	15	PG	
36720	1819+144	MT Her	p	51926.728	0.006	+0.021	7	KL	
36721	1715+331	u Her	p	51498.181	0.007	-0.019	64	KT	normal min.
36722	1631+284	GSC2056.117 Her	s	51967.548	0.008		4	KL	
36723			p	51967.681	0.003		6	KL	
36724	0831-144	VW Hya	p	51967.518	0.008	+0.177	9	KL	
36725	0928-187	AS Hya	p	51878.653	0.002	-0.028	8	KL	elem. BBSAG Bull. 83, 5
36726	0845+022	GN Hya	s	<u>51942.477</u>	<u>0.005</u>	<u>-0.089</u>	13	RD	CCD
36727	2212+496	TZ Lac	p	<u>51902.2998</u>	<u>0.0018</u>	<u>+0.2724</u>	13	RD	CCD
36728	2238+380	VX Lac	p	51838.704	0.001	+0.035	16	PG	
36729	2213+484	AU Lac	p	<u>51907.2701</u>	<u>0.0003</u>	<u>-0.0204</u>	12	RD	CCD
36730	2242+488	CG Lac	p	<u>51884.322</u>	<u>0.004</u>	<u>-0.127</u>	22	RD	CCD
36731	2226+535	DG Lac	p	51839.306	0.005	-0.187	6	KL	
36732	2240+531	PP Lac	p	<u>51901.2864</u>	<u>0.0007</u>	<u>-0.0328</u>	15	RD	CCD
36733	0933+264	Y Leo	p	51892.549	0.002	+0.013	7	KL	
36734	0956+140	XX Leo	p	<u>51955.6011</u>	<u>0.0012</u>	<u>+0.0038</u>	20	RD	CCD; see note p. 10
36735	0955+185	AL Leo	p	<u>51955.617</u>	<u>0.003</u>	<u>+0.013</u>	16	RD	CCD; elem. IBVS No. 3401
36736	1142+250	BL Leo	p	51883.649	0.005	-0.010	6	KL	
36737	0946+346	RT LMi	s	<u>51926.5850</u>	<u>0.0015</u>	<u>-0.0028</u>	10	RD	CCD
36738	0557-202	RS Lep	p	51898.502	0.002	+0.004	6	KL	
36739	0622+563	RR Lyn	p	51631.814	0.009	-0.005	28	KT	normal min.
36740	0851+466	RY Lyn	p	51959.404	0.006	-0.033	7	KL	
36741	0912+429	UU Lyn	p	<u>51952.505</u>	<u>0.006</u>	<u>-0.008</u>	10	RD	CCD

BBSAG Bulletin 124

Nr	Design.	Star	Type	O	e.	O-C	n	Obs	Remarks
36742	1831+377	EW Lyr	p	51706.678	0.001	+0.249	20	PG	
36743			p	51782.677	0.003	+0.247	20	PG	
36744			p	51786.567	0.002	+0.240	9	PG	
36745			p	51934.672	0.003	+0.242	11	KL	
36746	1912+380	V400 Lyr	p	<u>51801.3652</u>	<u>0.0008</u>	<u>0.0000</u>	19	EBI	CCD; elem. IBVS No. 4995
36747			s	<u>51806.3107</u>	<u>0.0008</u>	<u>+0.0036</u>	11	EBI	CCD
36748			p	<u>51806.4351</u>	<u>0.0005</u>	<u>+0.0013</u>	24	EBI	CCD
36749			s	<u>51806.5625</u>	<u>0.0016</u>	<u>+0.0020</u>	13	EBI	CCD
36750			s	<u>51809.3498</u>	<u>0.0006</u>	<u>+0.0015</u>	13	EBI	CCD
36751			p	<u>51809.4769</u>	<u>0.0014</u>	<u>+0.0019</u>	9	EBI	CCD
36752			s	<u>51811.3771</u>	<u>0.0004</u>	<u>+0.0014</u>	16	EBI	CCD
36753			p	<u>51811.5029</u>	<u>0.0016</u>	<u>+0.0005</u>	12	EBI	CCD
36754			p	<u>51814.2906</u>	<u>0.0030</u>	<u>+0.0004</u>	5	EBI	CCD
36755			s	<u>51814.4191</u>	<u>0.0007</u>	<u>+0.0022</u>	20	EBI	CCD
36756			p	<u>51850.2773</u>	<u>0.0005</u>	<u>0.0000</u>	23	EBI	CCD
36757			p	<u>51907.2938</u>	<u>0.0005</u>	<u>-0.0053</u>	19	EBI	CCD
36758	1854+409	GSC3123. 1618 Lyr	s	51967.594	+0.007	0.000	5	KL	elem. IBVS No. 4985
36759	0632+088	RW Mon	p	51845.492	0.005	-0.033	6	KL	
36760	0625+052	TV Mon	p	51878.597	0.005	+0.014	7	KL	
36761	0657+022	UU Mon	p	51825.633	0.005	+0.007	9	KL	
36762			p	<u>51967.3560</u>	<u>0.0014</u>	<u>+0.0051</u>	11	RD	CCD
36763	0706+007	BM Mon	p	51842.604	0.006	+0.026	8	KL	
36764	0757-033	BO Mon	p	51867.672	0.005	-0.074	9	KL	
36765	0657+042	CP Mon	p	<u>51942.456</u>	<u>0.003</u>	<u>+0.002</u>	12	RD	CCD
36766	0653+036	V396 Mon	p	<u>51952.5107</u>	<u>0.0012</u>	<u>-0.0470</u>	14	RD	CCD
36767	0652+001	V455 Mon	p	<u>51952.5091</u>	<u>0.0009</u>	<u>+0.0790</u>	12	RD	CCD
36768	0653+014	V456 Mon	p	<u>51955.3331</u>	<u>0.0010</u>	<u>-0.0887</u>	20	RD	CCD
36769	0626+047	V714 Mon	s	<u>51955.3267</u>	<u>0.0011</u>	<u>-0.0019</u>	13	RD	CCD
36770	1756+135	V508 Oph	s	51951.666	0.004	+0.002	6	KL	
36771	1805+024	V511 Oph	p	<u>51810.309</u>	<u>0.005</u>	<u>-0.029</u>	11	APs	CCD
36772	0530-011	VV Ori	p	51543.642	0.013	-0.008	53	KT	normal min.
36773	0606+156	DZ Ori	p	<u>51924.280</u>	<u>0.003</u>	<u>+0.004</u>	13	RD	CCD; el. BBSAG Bull. 117, 9
36774	0607+128	EF Ori	p	<u>51926.2950</u>	<u>0.0017</u>		19	RD	CCD
36775	0502+092	FK Ori	p	51959.358	0.004	+0.012	7	KL	
36776	0505-028	FL Ori	p	51847.604	0.003	+0.020	7	KL	
36777	0538+025	FZ Ori	p	<u>51967.331</u>	<u>0.003</u>	<u>-0.061</u>	13	RD	CCD
36778	0552-093	V640 Ori	p	51909.439	0.006	-0.089	5	KL	

BBSAG Bulletin 124

Nr	Design.	Star	Type	O	e.	O-C	n	Obs	Remarks
36779	2327+132	TY Peg	p	51846.416	0.004	-0.198	6	KL	
36780			p	<u>51872.3398</u>	<u>0.0007</u>	<u>-0.1971</u>	16	RD	CCD
36781	2158+347	AY Peg	p	<u>51884.313</u>	<u>0.006</u>	<u>-0.166</u>	22	RD	CCD
36782	2220+160	BB Peg	p	<u>51840.2905</u>	<u>0.0012</u>	<u>+0.0002</u>	14	RD	CCD
36783	2250+153	BG Peg	p	<u>51840.3136</u>	<u>0.0010</u>	<u>+0.0885</u>	14	RD	CCD; elem Brno Contr. 28
36784	2136+278	BY Peg	s	<u>51811.462</u>	<u>0.005</u>	<u>-0.052</u>	29	APs	CCD
36785	2145+270	CU Peg	p	51841.575	0.008	+0.050	12	PG	
36786	0320+463	RT Per	p	51840.369	0.002	+0.047	6	KL	
36787	0335+425	WY Per	p	51841.492	0.006	-0.036	5	KL	
36788			p	<u>51951.2823</u>	<u>0.0003</u>	<u>-0.0425</u>	12	RD	CCD
36789	0405+464	XZ Per	p	51913.219	0.007	-0.036	6	KL	
36790			p	<u>51952.3600</u>	<u>0.0001</u>	<u>-0.0504</u>	14	RD	CCD
36791	0353+319	BR Per	p	<u>51901.422</u>	<u>0.002</u>	<u>-0.113</u>	9	RD	CCD; elem. Per. Zvezd 24, 80
36792	0220+577	DK Per	p	<u>51924.2951</u>	<u>0.0009</u>	<u>-0.0023</u>	17	RD	CCD; elem. IBVS No. 3875
36793	0156+529	KW Per	p	51815.643	0.003	+0.009	6	KL	
36794	0236+454	PS Per	p	51878.533	0.008	+0.065	6	KL	
36795	0306+426	V432 Per	p	<u>51960.334</u>	<u>0.002</u>	<u>+0.001</u>	12	RD	CCD; elem BAV Rb. 43, 104
36796	0054+120	SX Psc	p	51840.352	0.003	+0.001	5	KL	
36797	0828-229	SW Pyx	p	51847.644	0.007	+0.423	6	KL	elem. BBSAG Bull. 91, 14
36798	1556+173	AO Ser	p	51951.692	0.005	+0.011	6	KL	
36799	1554+224	AU Ser	p	51952.677	0.005	-0.079	6	KL	
36800	1521+027	CX Ser	s	<u>51955.5919</u>	<u>0.0012</u>	<u>-0.0716</u>	14	RD	CCD
36801	0433+186	RZ Tau	p	<u>51932.5767</u>	<u>0.0014</u>	<u>+0.0302</u>	23	BK	CCD
36802	0553+263	WY Tau	s	<u>51932.5672</u>	<u>0.0011</u>	<u>+0.0481</u>	22	BK	CCD
36803	0434+015	AC Tau	p	51938.341	0.004	+0.041	9	KL	
36804	0344+249	AH Tau	s	51855.461	0.004	-0.091	5	KL	
36805			s	<u>51926.3034</u>	<u>0.0006</u>	<u>-0.1087</u>	15	RD	CCD
36806			s	<u>51932.6279</u>	<u>0.0003</u>	<u>-0.1050</u>	23	BK	CCD
36807	0549+162	AM Tau	p	<u>51951.3181</u>	<u>0.0004</u>	<u>-0.0444</u>	16	RD	CCD
36808	0451+268	AP Tau	s	<u>51955.3358</u>	<u>0.0013</u>	<u>+0.0188</u>	16	RD	CCD
36809	0526+287	ES Tau	p	51842.446	0.005	+0.011	7	KL	
36810	0427+254	GW Tau	s	<u>51952.352</u>	<u>0.010</u>	<u>-0.041</u>	13	RD	CCD

BBSAG Bulletin 124

Nr	Design.	Star	Type	O	e.	O-C	n	Obs	Remarks
36811	0436+283	IV Tau	p	<u>51867.491</u>	<u>0.002</u>	<u>+0.010</u>	7	RD	CCD
36812			p	<u>51924.3162</u>	<u>0.0009</u>	<u>+0.0057</u>	12	RD	CCD
36813	0547+269	V781 Tau	p	<u>51960.2967</u>	<u>0.0015</u>	<u>-0.0375</u>	11	RD	CCD
36814	0128+301	V Tri	p	51840.278	0.004	-0.001	6	KL	
36815	0210+367	RV Tri	p	51821.447	0.004	-0.020	6	KL	
36816	0222+278	RW Tri	p	51847.469	0.002	-0.005	5	KL	
36817	1206+563	TY UMa	p	<u>51952.511</u>	<u>0.008</u>	<u>+0.036</u>	10	RD	CCD; elem. JAAVSO 21, 111
36818	1334+521	UX UMa	p	51926.709	0.001	+0.002	5	KL	
36819	0928+496	XZ UMa	p	51892.503	0.008	-0.048	6	KL	
36820	1026+620	ZZ UMa	p	51864.662	0.006	0.000	7	KL	
36821	0851+651	AC UMa	p	51878.502	0.008	-0.097	6	KL	
36822	1127+302	AW UMa	s	51577.381	0.009	+0.172	36	KT	normal min.
36823			p	51577.610	0.013	+0.183	67	KT	normal min.
36824	1042+525	BH UMa	p	<u>51942.4493</u>	<u>0.0007</u>	<u>-0.0921</u>	13	RD	CCD
36825	1108+467	BM UMa	s	<u>51926.5381</u>	<u>0.0015</u>	<u>+0.0031</u>	10	RD	CCD
36826			s	<u>51967.4967</u>	<u>0.0021</u>	<u>+0.0073</u>	10	RD	CCD
36827	1402-181	AK Vir	p	51967.595	0.005	-0.043	6	KL	
36828	1241-084	HW Vir	p	51877.707	0.001	-0.003	7	KL	elem. IBVS No. 4109
36829			p	51883.661	0.001	-0.001	5	KL	
36830			p	51888.667	0.001	-0.004	5	KL	
36831			p	51896.616	0.001	-0.002	5	KL	
36832			p	51896.731	0.001	-0.004	7	KL	
36833			p	51901.749	0.001	-0.004	5	KL	
36834			p	51914.706	0.001	-0.003	6	KL	
36835			p	51926.729	0.001	-0.003	6	KL	
36836			p	51933.615	0.001	-0.003	6	KL	
36837			p	51934.665	0.001	-0.003	6	KL	
36838			p	51937.699	0.001	-0.004	7	KL	
36839			p	51940.735	0.001	-0.002	7	KL	
36840			p	51952.640	0.001	-0.003	6	KL	
36841			p	51955.675	0.001	-0.003	6	KL	
36842			p	51956.609	0.001	-0.003	6	KL	
36843	1954+237	BO Vul	p	51846.324	0.002	+0.006	8	KL	

Notes on observations given in table above

V537 Cas = GSC3668.1411

The two observed minima are of identical shape (range: 11.7 - 11.95 mag, $D = 0.13^d \pm 0.01^d$, $d = 0.02^d \pm 0.005^d$). Therefore, we conclude that the unknown period must be $P = 4.897^d/n$. During two additional observing runs (JD2451884.25 – .43 and JD2451926.22 – .50) the variable was seen in maximum light.

E. Blättler

BBSAG Bulletin 124

Nr	Design.	Star	Type	O	e.	O-C	n	Obs	Remarks
----	---------	------	------	---	----	-----	---	-----	---------

KV Cep

The variable is the brighter, south-eastern component of a close double, which was not completely separated in our photometry. The true amplitude is considerably larger than stated in the GCVS.

AH and AI Gem

Both stars are about two magnitudes brighter than given in the GCVS (unfiltered CCD data). AH Gem is the middle component in a row of three stars. The northern component is very close to AH Gem and is not fully separated on our CCD frames.

BO Gem

Only the ascending branch of the minimum was covered by our CCD measurements. The time of minimum is deduced from the time of first contact and the GCVS value for the duration of the minimum of $D = 0.44^d$.

XX Leo

We find a time of totality lasting for $d_{\text{primary}} = 0.078^d \pm 0.005^d$.

R. Diethelm