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**BAV-RESULTS OF OBSERVATIONS - PHOTOELECTRIC MINIMA OF
SELECTED ECLIPSING BINARIES AND MAXIMA OF PULSATING STARS**
(BAV MITTEILUNGEN NO. 231)

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In this 75th compilation of BAV results, photoelectric observations obtained mostly in the years 2012 and 2013 are presented on 523 variable stars giving 721 minima on eclipsing binaries and maxima on pulsating stars. All moments of minima and maxima are heliocentric UTC. The errors are tabulated in column ‘±’. The values in column ‘ $O - C$ ’ are determined without incorporating nonlinear terms. The references are given in the section ‘Remarks’. All information about photometers and filters are specified in the column ‘Rem’. The observations were made at private observatories. The photoelectric measurements and all the light curves with evaluations can be obtained from the office of the BAV for inspection.

Please use the following link for an easy access to all the publications of the BAV including the “Lichtenknecker Database of the BAV”: <http://www.bav-astro.de/sfs> .

Table 1: Times of minima of eclipsing binaries

Variable	HJD 24....	±	Obs	$O - C$	Ref	Fil	n	Rem
RT And	56188.3878	0.0011	AG	+0.0540	(21)	-I	40	12)
AA And	56219.6050	0.0026	AG	-0.0054	(21)	-I	40	12)
AD And	56219.4065	0.0012	AG	-0.0466	(21)	-I	40	12)
	56225.3235	0.0013	JU	-0.0469	(21)	o	53	5)
BD And	56188.3318	0.0040	AG	-0.0252	(21)	-I	39	12)
	56238.3256	0.0005	JU	-0.0252	(21)	o	83	5)
	56238.3317	0.0015	SCI	-0.0191	(21)	o	36	5)
	56245.2703	0.0050	SCI	-0.0241	(21)	o	156	5)
	56254.2933	0.0220	SCI	-0.0278	s (21)	o	71	5)
BL And	56219.5390	0.0049	AG	+0.0054	s (21)	-I	39	12)
CU And	56180.3669	0.0004	AG	-0.1051	(21)	-I	15	12)
CZ And	56219.3784	0.0038	AG	-0.4368	(21)	-I	41	12)
DK And	56219.5534	0.0011	AG	+0.0022	(62)	-I	40	12)
EX And	56159.5114	0.0048	AG	-0.0009	s (21)	-I	37	12)
FK And	56220.3443	0.0020	AG			-I	31	12)
GZ And	56281.2622	0.0015	SCI	-0.0009	s (21)	o	66	5)
	56281.4113	0.0021	SCI	-0.0043	(21)	o	100	5)
	56281.5630	0.0024	SCI	-0.0051	s (21)	o	74	5)
KP And	56212.3487	0.0003	RAT RCR	+0.0519	(21)	R	157	13)
V404 And	56254.3358	0.0020	JU	+0.0094	(21)	o	80	5)
V406 And	55849.5713	0.0075	FR			o	32	15)
V425 And	56219.5655	0.0139	AG	-0.0334	s (21)	-I	40	12)
V441 And	56220.4252	0.0010	AG	-0.0830	(21)	-I	31	12)
V504 And	56220.3410	0.0027	AG			-I	31	12)
V505 And	56220.3588	0.0017	AG			-I	31	12)

Table 1: (cont.)

Variable	HJD 24....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
V512 And	56220.4486	0.0024	AG			-I	31	12)
V514 And	56220.3004	0.0033	AG			-I	31	12)
V523 And	55952.2750	0.0002	RAT RCR			-U-I	86	13)
	56220.2863	0.0013	AG			-I	31	12)
DD Aqr	56210.3146	0.0002	RAT RCR	-0.0262	(21)	R	120	13)
HS Aqr	56177.3303	0.0002	RAT RCR	-0.0052	(21)	R	79	13)
HV Aqr	56156.4124	0.0005	RAT RCR	-0.0148	(21)	o	129	20)
LL Aqr	56174.4103	0.0047	NIC	-0.0716	s (21)	V	150	6)
	56208.3539	0.0019	FR	-0.0277	(40)	-I	87	12)
V342 Aql	56096.4949	0.0002	RAT RCR	-0.1702	(21)	-U-I	196	13)
V609 Aql	56094.4037	0.0022	AG	-0.0599	(21)	-I	23	12)
V1096 Aql	56094.4667	0.0056	AG	-0.2477	(21)	-I	22	12)
V1426 Aql	55790.3766	0.0010	SIR			o	324	8)
	56179.3547	0.0003	WTR			o	100	4)
BN Ari	56251.2887	0.0001	RAT RCR			R	99	13)
CL Aur	56229.5678	0.0002	RAT RCR	+0.1558	(21)	R	182	13)
V364 Aur	56221.5148	0.0003	RAT RCR	-0.0019	(23)	R	194	13)
V591 Aur	56262.5284	0.0003	RAT RCR			R	246	13)
V599 Aur	56012.3489	0.0003	RAT RCR			-U-I	159	13)
V608 Aur	55993.3513	0.0003	RAT RCR			-U-I	137	13)
V640 Aur	55978.4578	0.0006	FR	-0.0166	(21)	V	42	15)
	55978.6096	0.0020	FR	-0.0288	s (21)	V	42	15)
V648 Aur	56014.3970	0.0020	RAT RCR			-U-I	204	13)
TU Boo	56069.5493	0.0012	AG	+0.0233	s (21)	-I	26	12)
TY Boo	56069.3859	0.0009	AG	-0.0423	(46)	V	28	12)
	56069.5470	0.0011	AG	-0.0398	s (46)	V	28	12)
VW Boo	55969.5388	0.0002	RAT RCR	-0.0820	s (50)	-U-I	113	13)
AC Boo	56065.4975	0.0003	AG	+0.0478	s (21)	-I	36	12)
ET Boo	56065.4751	0.0016	AG	+0.0031	(23)	-I	36	12)
EW Boo	56069.4396	0.0035	AG	-0.0029	(23)	V	28	12)
GK Boo	56069.3923	0.0003	AG	+0.0027	(23)	V	26	12)
GS Boo	56069.3845	0.0032	AG	-0.0114	(23)	V	28	12)
HH Boo	56065.4166	0.0014	AG	+0.0245	(21)	-I	35	12)
IK Boo	56069.4604	0.0020	AG			-I	26	12)
IN Boo	56069.4460	0.0010	AG			-I	25	12)
IS Boo	56065.3791	0.0004	AG			-I	36	12)
	56065.5057	0.0008	AG			-I	36	12)
MN Boo	56065.4349	0.0038	AG	+0.0901	(21)	-I	36	12)
NT Boo	56065.3762	0.0005	AG			-I	36	12)
NX Boo	56069.3811	0.0009	AG			-I	29	12)
	56069.5051	0.0020	AG			-I	29	12)
NY Boo	56065.3823	0.0016	AG			-I	33	12)
PU Boo	56034.4755	0.0002	RAT RCR	-0.0171	(21)	-U-I	191	13)
PY Boo	56060.4449	0.0002	RAT RCR			-U-I	113	13)
Y Cam	56019.5478	0.0028	AG	+0.4038	(21)	-I	30	12)
SV Cam	56188.4276	0.0008	AG	+0.0561	(21)	-I	30	12)
AO Cam	56015.3781	0.0005	JU	+0.0396	(21)	o	62	5)
AS Cam	56321.2865	0.0012	AG	-0.2154	s (21)	-I	19	12)
AY Cam	56019.5832	0.0043	AG	+0.0128	(21)	-I	28	12)
DN Cam	56167.4844	0.0038	AG	+0.0030	(23)	-I	29	12)
	56188.4104	0.0076	AG	+0.0000	(23)	-I	35	12)
FN Cam	56010.5265	0.0001	RAT RCR	+0.0061	(23)	-U-I	359	13)
NR Cam	55964.5026	0.0002	RAT RCR	+0.0077	s (21)	-U-I	189	13)
	55964.6309	0.0002	RAT RCR	+0.0081	(21)	-U-I	189	13)
OQ Cam	56187.4611	0.0001	RAT RCR	-0.0166	(21)	R	230	13)
QU Cam	56178.5222	0.0002	RAT RCR			R	184	13)
V366 Cam	56188.5556	0.0047	AG			-I	34	12)
V379 Cam	56208.4995	0.0001	RAT RCR			C	136	13)

Table 1: (cont.)

Variable	HJD 24.....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
V381 Cam	56224.4474	0.0004	RAT RCR			R	252	13)
V382 Cam	56167.4765	0.0019	AG	+0.0238	s (21)	-I	29	12)
V389 Cam	56188.4582	0.0002	RAT RCR			R	280	13)
V419 Cam	55943.4910	0.0004	RAT RCR			-U-I	345	13)
V455 Cam	56222.4963	0.0004	RAT RCR			R	244	13)
V473 Cam	56015.3949	0.0001	RAT RCR	+0.0124	(21)	-U-I	177	13)
V479 Cam	56019.5063	0.0047	AG	+0.0254	s (21)	-I	30	12)
V495 Cam	56019.5512	0.0050	AG			-I	30	12)
V514 Cam	56009.5745	0.0003	RAT RCR			-U-I	297	13)
	56055.4632	0.0002	RAT RCR			-U-I	261	13)
V518 Cam	55958.5286	0.0007	RAT RCR			-U-I	345	13)
EH Cnc	55969.3244	0.0002	RAT RCR	-0.0024	s (23)	-U-I	108	13)
HN Cnc	55944.3595	0.0007	RAT RCR	-0.0281	(39)	-U-I	126	13)
EH CVn	56069.4340	0.0013	AG	-0.0571	s (21)	-I	27	12)
FQ CVn	56069.5327	0.0038	AG			-I	27	12)
FV CVn	56031.3619	0.0004	RAT RCR	-0.0107	(21)	-U-I	108	13)
	56034.3584	0.0004	RAT RCR	-0.0102	s (21)	-U-I	98	13)
	56069.5211	0.0036	AG	-0.0109	(21)	-I	25	12)
GG CVn	56069.4979	0.0038	AG			-I	29	12)
GM CVn	56069.4179	0.0053	AG			-I	24	12)
ZZ Cas	56219.5381	0.0083	AG	+0.0067	s (21)	-I	49	12)
AB Cas	55463.3994	0.0035	PGL	+0.1048	(21)	V	154	14)
	56219.2932	0.0030	AG	+0.1174	(21)	-I	47	12)
AH Cas	56188.3529	0.0004	JU	-0.2154	(21)	o	66	5)
	56244.4429	0.0004	JU	-0.2160	(21)	o	65	5)
AX Cas	56179.3998	0.0010	JU	-0.0980	(21)	o	59	5)
DO Cas	56167.4913	0.0107	AG	-0.0019	s (21)	-I	29	12)
EP Cas	56133.3979	0.0141	AG	-0.0358	s (21)	-I	45	12)
	56219.6181	0.0012	AG	-0.0402	s (21)	-I	47	12)
GT Cas	56133.4348	0.0057	AG	+0.1973	(21)	-I	43	12)
IL Cas	56167.4717	0.0112	AG	-0.0061	(60)	-I	29	12)
MU Cas	56133.5396	0.0059	AG	+0.1167	(21)	-I	43	12)
	56220.4110	0.0096	AG	+0.1123	s (21)	-I	26	12)
OX Cas	56219.4201	0.0140	AG	+0.0071	s (21)	-I	50	12)
PV Cas	56186.4025	0.0011	JU	-0.0356	(21)	o	55	5)
V336 Cas	56133.4108	0.0064	AG	-0.0145	s (21)	-I	45	12)
V366 Cas	56158.434	0.011	AG	-0.006	s (34)	-I	29	12)
V375 Cas	56219.4197	0.0094	AG	+0.2659	s (49)	-I	48	12)
V380 Cas	56219.3689	0.0038	AG	-0.0677	(21)	-I	47	12)
V381 Cas	56159.4159	0.0024	AG	-0.0055	s (49)	-I	37	12)
V459 Cas	56219.6407	0.0001	AG	-0.0202	(33)	-I	50	12)
V541 Cas	56220.3989	0.0020	AG	+0.0846	s (21)	-I	27	12)
V651 Cas	56219.4857	0.0015	AG	+0.0027	s (27)	-I	47	12)
V775 Cas	55879.2254:	0.0022	FR			o	86	15)
V776 Cas	56220.3713	0.0139	AG	-0.0135	s (23)	-I	28	12)
V1001 Cas	56159.5296	0.0003	AG	+0.0121	(21)	-I	37	12)
V1007 Cas	56159.3903	0.0017	AG			-I	37	12)
	56159.5574	0.0012	AG			-I	37	12)
V1030 Cas	56159.4766	0.0016	AG			-I	36	12)
V1046 Cas	56133.5352	0.0005	AG			-I	45	12)
V1060 Cas	56219.5249	0.0116	AG			-I	50	12)
	56220.4324	0.0021	AG			-I	25	12)
V1061 Cas	55879.4237	0.0016	FR			o	19	15)
V1107 Cas	54390.2941	0.0006	JU	+0.0631	s (48)	o	80	5)
	55835.4135	0.0004	JU	+0.0362	(48)	o	80	5)
	56179.3608	0.0009	JU	+0.0428	s (48)	o	60	5)
	56220.3755	0.0013	JU	-0.0586	s (48)	o	73	5)
	56222.2889	0.0006	JU	-0.0386	s (48)	o	28	5)
	56222.4247	0.0006	JU	-0.0381	(48)	o	82	5)
SU Cep	56188.4410	0.0033	AG	+0.0083	s (21)	-I	27	12)

Table 1: (cont.)

Variable	HJD 24.....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
SU Cep	56203.3110	0.0007	AG	+0.0051	(21)	-I	17	12)
VW Cep	56180.3974	0.0019	AG	+0.0719	(21)	-I	24	12)
	56206.2799	0.0013	AG	+0.0711	(21)	-I	86	12)
	56206.4183	0.0006	AG	+0.0704	s (21)	-I	86	12)
	56206.5587	0.0003	AG	+0.0716	(21)	-I	86	12)
VZ Cep	56220.2923	0.0001	AG	-0.0101	(21)	-I	27	12)
WX Cep	56180.4557	0.0006	AG	+0.0111	(21)	-I	56	12)
WY Cep	56058.4722	0.0048	AG	+0.0222	(21)	-I	48	12)
	56219.6036	0.0004	AG	+0.0254	(21)	-I	47	12)
XY Cep	55774.4484	0.0010	SIR	-0.0497	(21)	o	225	8)
ZZ Cep	56219.4748	0.0107	AG	-0.0124	(21)	-I	47	12)
AH Cep	56206.4429	0.0015	AG	-0.1019	(21)	-I	56	12)
CO Cep	56167.4411	0.0063	AG	-0.2023	s (21)	-I	27	12)
CW Cep	56180.4323	0.0032	AG	+0.0193	(21)	-I	23	12)
GG Cep	56058.4664	0.0051	AG	-0.1068	(21)	-I	46	12)
GI Cep	56184.4764	0.0003	RAT RCR	-0.1225	(21)	R	246	13)
GK Cep	56180.3665	0.0027	AG	+0.1198	(21)	-I	21	12)
	56206.5821	0.0008	AG	+0.1230	(21)	-I	70	12)
GW Cep	56167.4793	0.0019	AG			-I	29	12)
IO Cep	56158.5076	0.0021	AG	+0.0208	(21)	-I	29	12)
IP Cep	56181.5041	0.0020	RAT RCR	-0.0275	s (36)	R	231	13)
LM Cep	56072.4631	0.0049	AG	+0.1348	(21)	-I	46	12)
LP Cep	56072.4020	0.0031	AG	-0.0727	s (21)	-I	46	12)
NW Cep	56167.4057	0.0088	AG	+0.9048	(21)	-I	33	12)
V397 Cep	56219.4431	0.0089	AG			-I	47	12)
	56220.3819	0.0060	AG			-I	28	12)
V711 Cep	56219.3518	0.0051	AG	+0.0013	(23)	-I	47	12)
V734 Cep	56167.5207	0.0037	AG			-I	29	12)
V737 Cep	56072.3892	0.0012	AG	+0.0184	s (21)	-I	46	12)
	56072.5405	0.0010	AG	+0.0204	(21)	-I	46	12)
V834 Cep	56158.5441	0.0107	AG			-I	29	12)
RW Com	56061.4141	0.0015	AG	-0.0074	s (21)	V	18	12)
RZ Com	56061.4568	0.0012	AG	+0.0468	(21)	V	18	12)
CC Com	55960.4593	0.0008	RAT RCR	-0.0173	s (21)	-U-I	118	13)
	55960.5710	0.0001	RAT RCR	-0.0159	(21)	-U-I	118	13)
	56061.4250	0.0018	AG	-0.0156	(21)	V	19	12)
EK Com	56019.4518	0.0007	JU	+0.0047	(23)	o	79	5)
LL Com	55686.4759	0.0020	SIR	+0.0457	(31)	o	68	8)
LO Com	56061.4487	0.0020	AG	+0.0010	(23)	-I	18	12)
LP Com	56061.3935	0.0018	AG	+0.0088	s (23)	-I	18	12)
NV Com	56035.3898	0.0005	RAT RCR			-U-I	87	13)
CV Cyg	56157.4752	0.0043	AG	+0.2005	(21)	-I	23	12)
DO Cyg	56132.5143	0.0001	RAT RCR	-0.0247	(21)	-U-I	241	13)
	56132.5145	0.0016	AG	-0.0245	(21)	-I	28	12)
DP Cyg	56167.3664	0.0055	AG	+0.5114	s (21)	-I	33	12)
	56188.4894	0.0108	AG	+0.8894	(21)	-I	28	12)
GG Cyg	56074.5010	0.0027	AG	+0.1435	(21)	-I	25	12)
GM Cyg	56151.5575	0.0019	SCI	-0.2119	(21)	o	83	5)
GO Cyg	56158.5469	0.0036	AG	+0.0724	s (21)	-I	29	12)
	56188.3273	0.0018	AG	+0.0656	(21)	-I	27	12)
GV Cyg	56167.5114	0.0103	AG	+0.1531	(21)	-I	33	12)
KR Cyg	56158.4718	0.0007	FR	+0.0206	s (21)	-I	26	12)
	56186.3665	0.0023	FR	+0.0253	s (21)	-I	105	12)
LO Cyg	56187.3732	0.0068	AG	-0.0252	(21)	-I	42	12)
MY Cyg	56158.5152	0.0027	AG	-1.9902	(21)	-I	29	12)
NU Cyg	56211.3273	0.0014	SCI	-0.0186	(21)	o	17	5)
	56211.4749	0.0018	SCI	-0.0115	s (21)	o	25	5)
NZ Cyg	56191.3651	0.0018	SCI	+0.0636	s (21)	o	40	5)
	56191.5661	0.0018	SCI	+0.0616	(21)	o	33	5)

Table 1: (cont.)

Variable	HJD 24.....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
QU Cyg	56177.3882	0.0015	SCI	-0.0736	(21)	o	27	5)
	56177.5516	0.0014	SCI	-0.0836	s (21)	o	26	5)
V345 Cyg	56167.5146	0.0003	RAT RCR	+0.0568	(36)	R	174	13)
V370 Cyg	56179.5632	0.0003	FR	-0.0332	(21)	V	94	15)
	56180.3417	0.0020	WTR	-0.0292	(21)	o	70	4)
V382 Cyg	56157.4331	0.0050	AG	+0.1110	s (21)	-I	23	12)
V382 Cyg	56158.3765	0.0025	AG	+0.1116	(21)	-I	29	12)
V388 Cyg	56188.3457	0.0035	AG	-0.0970	(21)	-I	30	12)
V398 Cyg	56159.4365	0.0022	FR	-1.4926	s (21)	-I	31	12)
V401 Cyg	56074.5313	0.0024	AG	+0.0708	s (21)	-I	25	12)
	56093.4674	0.0002	RAT RCR	+0.0684	(21)	-U-I	217	13)
	56179.4258	0.0006	FR	+0.0753	s (21)	V	47	15)
V442 Cyg	56188.3763	0.0030	AG	-0.0420	(21)	-I	25	12)
V448 Cyg	56157.4804	0.0037	FR	+0.0257	(21)	-I	47	12)
V454 Cyg	56229.3050	0.0004	RAT RCR	-0.0091	(21)	R	153	13)
V463 Cyg	56167.585 :	0.010	FR	+0.062	s (21)	V	79	15)
V474 Cyg	56157.577	0.010	AG	+0.234	(21)	-I	23	12)
V478 Cyg	56158.4845	0.0113	AG	+0.0163	s (21)	-I	29	12)
V490 Cyg	56186.5111	0.0004	FR	+0.1623	(21)	-I	54	12)
V501 Cyg	56132.4324	0.0035	SCI	-0.2958	(21)	o	76	5)
	56167.5068	0.0023	SCI	-0.2998	s (21)	o	96	5)
V680 Cyg	56153.5525	0.0016	AG	+0.0215	(49)	-I	28	12)
V687 Cyg	56155.3870	0.0114	RAT RCR	-0.0065	(21)	o	45	20)
V725 Cyg	56158.6013	0.0021	FR	+0.2590	s (21)	-I	55	12) 1)
	56186.3983	0.0030	FR	+0.2544	s (21)	-I	33	12)
V796 Cyg	56158.4978	0.0019	SCI	+0.0001	(21)	o	246	5)
V841 Cyg	56074.4383	0.0028	AG	+0.0017	(21)	-I	25	12)
V859 Cyg	56074.4612	0.0030	AG	+0.0247	s (21)	-I	25	12)
	56167.4200	0.0012	FR	+0.0357	(21)	V	36	15)
	56179.3497	0.0013	FR	+0.0179	s (21)	V	68	15)
V869 Cyg	56167.5203	0.0008	FR	+0.1259	s (21)	-I	46	12)
V874 Cyg	56074.4202	0.0024	AG	+0.0771	(21)	-I	25	12)
V887 Cyg	56179.4772	0.0030	FR	-0.0192	s (21)	-I	47	12)
V902 Cyg	56179.5194	0.0009	FR	+0.0219	(21)	-I	31	12)
V907 Cyg	56179.3133	0.0011	FR	-0.1689	(21)	-I	32	12)
	56179.5848	0.0013	FR	+0.1104	(21)	-I	32	12)
V957 Cyg	56203.4017	0.0099	AG	+0.1403	s (21)	-I	40	12)
V979 Cyg	56203.4550	0.0026	AG	+0.0174	(21)	-I	39	12)
V1009 Cyg	56203.4553	0.0029	AG	-0.0082	(21)	-I	41	12)
V1011 Cyg	56152.5860	0.0056	FR	+0.0723	s (21)	-I	22	12)
V1013 Cyg	56074.4748	0.0120	AG	+0.1593	s (21)	-I	25	12)
V1018 Cyg	56203.3988	0.0029	AG	-0.0915	(21)	-I	42	12)
V1019 Cyg	56203.3913	0.0062	AG	+0.1324	(21)	-I	42	12)
V1034 Cyg	56179.3224	0.0009	FR	+0.0291	s (21)	V	94	15)
V1147 Cyg	56203.4515	0.0035	AG	+0.3934	s (21)	-I	39	12)
V1171 Cyg	56152.4214	0.0002	FR	-0.0583	(21)	-I	69	12)
V1187 Cyg	56168.4943	0.0012	RAT RCR	-0.0161	(30)	R	109	13)
V1191 Cyg	56168.4723	0.0004	RAT RCR	+0.0120	s (21)	R	107	13)
V1302 Cyg	56203.3205	0.0015	AG	-0.0982	(21)	-I	40	12)
V1401 Cyg	56158.4501	0.0057	AG	+0.2891	s (21)	-I	40	12)
	56187.4192	0.0099	AG	+0.2750	(21)	-I	42	12)
V1411 Cyg	56167.3911	0.0023	AG	-0.1532	s (21)	-I	33	12)
	56188.3630	0.0058	AG	-0.1533	s (21)	-I	27	12)
V1417 Cyg	56133.4713	0.0019	AG	+0.1461	s (21)	-I	32	12)
V1425 Cyg	56158.4896	0.0037	AG	+0.0124	(21)	-I	28	12)
V1437 Cyg	56167.3629	0.0019	FR	-0.0645	(21)	-I	44	12)
V1456 Cyg	56152.5202:	0.0077	FR			-I	33	12)
V1481 Cyg	56132.5384	0.0038	AG	+0.6502	(21)	-I	28	12)
V1877 Cyg	56159.4428	0.0008	FR	-0.0989	s (23)	-I	50	12)
V2021 Cyg	56158.5087	0.0019	AG	+0.0006	(23)	-I	29	12)

Table 1: (cont.)

Variable	HJD 24.....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
V2181 Cyg	56158.5607	0.0001	FR	+0.0113	(59)	-I	39	12)
	56186.3757	0.0008	FR	+0.0124	s (59)	-I	74	12)
V2240 Cyg	56229.3920	0.0015	RAT RCR	-0.0095	s (23)	R	153	13)
V2280 Cyg	56159.4129	0.0014	SCI	+0.0039	s (23)	o	36	5)
	56159.5894	0.0010	SCI	+0.0037	(23)	o	31	5)
V2282 Cyg	56175.4500	0.0031	SCI	+0.0082	s (23)	o	143	5)
	56188.3811	0.0024	SCI	+0.0053	(23)	o	83	5)
V2282 Cyg	56188.5532	0.0028	SCI	+0.0094	s (23)	o	83	5)
V2284 Cyg	56178.3848	0.0011	SCI	-0.0015	s (23)	o	50	5)
	56178.5374	0.0013	SCI	-0.0024	(23)	o	50	5)
V2291 Cyg	56169.3520	0.0015	RAT RCR			R	74	13)
V2294 Cyg	56186.4070	0.0015	SCI	-0.0428	(23)	o	61	5)
	56186.5874	0.0022	SCI	-0.0396	s (23)	o	53	5)
V2364 Cyg	56157.4702	0.0057	AG	-0.0099	s (21)	-I	23	12)
V2546 Cyg	56188.4792	0.0032	AG			-I	30	12)
BG Del	56094.4922	0.0057	AG	+0.0827	s (21)	-I	21	12)
EX Del	56094.4248	0.0013	AG	-0.0599	(21)	-I	22	12)
FZ Del	56151.3493	0.0012	DIE	-0.0359	(21)	o	25	17)
GG Del	56094.5021	0.0016	AG	-0.0267	(21)	-I	22	12)
Z Dra	56014.6080	0.0004	RAT RCR	+0.4851	(21)	-U-I	274	13)
	56061.4393	0.0004	AG	-0.1945	(21)	-I	34	12)
TZ Dra	56157.4565	0.0074	AG	-0.0330	s (21)	-I	24	12)
WX Dra	56157.4151	0.0012	SCI	+0.0190	(21)	o	46	5)
BE Dra	56187.3351	0.0002	RAT RCR	-0.1081	s (21)	R	125	13)
BV Dra	56187.4049	0.0017	AG	+0.0078	s (21)	-I	34	12)
EF Dra	56181.3378	0.0004	RAT RCR	+0.1003	(29)	R	121	13)
FX Dra	56062.4275	0.0079	AG			-I	57	12)
KZ Dra	56176.4959	0.0002	RAT RCR			R	221	13)
OO Dra	56061.3904	0.0023	AG			-I	34	12)
OQ Dra	56061.3651	0.0008	AG			-I	34	12)
	56061.5356	0.0008	AG			-I	34	12)
V338 Dra	56062.4120	0.0004	AG	-0.0279	s (21)	-I	57	12)
	56062.5297	0.0006	AG	-0.0278	(21)	-I	57	12)
V344 Dra	56062.4105	0.0019	AG			-I	57	12)
RZ Equ	56133.4662	0.0002	RAT RCR	-0.8192	(21)	-U-I	221	13)
SV Equ	56116.4739	0.0006	RAT RCR	-0.1076	s (21)	-U-I	200	13)
V404 Gem	56001.2949:		QU	+0.0015	s (61)	Ic	36	6)
	56001.4694	0.0005	QU	+0.0016	(61)	Ic	36	6)
	56002.3453	0.0006	QU	+0.0057	s (61)	V	36	6)
V405 Gem	56001.3938	0.0010	QU	-0.0131	(63)	Ic	74	6)
	56002.3288	0.0025	QU	-0.0023	(63)	V	79	6)
TU Her	56094.4830	0.0018	AG	-0.2177	(21)	-I	60	12)
CT Her	56031.5055	0.0002	RAT RCR	+0.0073	(21)	-U-I	265	13)
	56065.4463	0.0003	AG	+0.0069	(21)	V	15	12)
DH Her	56072.4392	0.0032	AG	+0.0015	(21)	-I	26	12)
GU Her	56058.5809	0.0014	AG	+0.9047	s (21)	V	66	12)
IT Her	56072.4041	0.0016	AG	+0.0372	(21)	-I	26	12)
PW Her	56062.4496	0.0030	AG	-0.4132	(46)	V	33	12)
V502 Her	56074.4525	0.0014	AG	+0.0263	(21)	-I	42	12)
	56094.3927	0.0010	AG	+0.0255	(21)	-I	59	12)
V607 Her	56058.5117	0.0170	AG	+0.1531	(21)	-I	35	12)
V643 Her	56072.3993	0.0076	AG	+0.2724	(21)	-I	26	12)
V719 Her	56132.5200	0.0022	AG	-0.0284	s (21)	-I	30	12)
V722 Her	56132.4195	0.0055	AG	-0.0776	(21)	-I	30	12)
V728 Her	56070.4969	0.0004	RAT RCR	+0.0821	s (26)	-U-I	196	13)
	56132.4748	0.0042	AG	+0.0858	(26)	-I	31	12)
V865 Her	56132.4249	0.0125	AG	-0.0075	(23)	-I	30	12)
V1033 Her	56058.4969	0.0013	AG	+0.0013	s (23)	V	35	12)
V1035 Her	56061.4775	0.0001	RAT RCR	+0.0000	(23)	-U-I	245	13)

Table 1: (cont.)

Variable	HJD 24....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
V1036 Her	56058.4953	0.0025	AG	+0.0066	s (23)	V	33	12)
V1037 Her	56058.4713	0.0043	AG			V	35	12)
V1047 Her	56094.4373	0.0046	AG	-0.0027	(23)	-I	60	12)
V1055 Her	56071.5280	0.0003	RAT RCR	+0.0037	(23)	-U-I	204	13)
	56132.4028	0.0018	AG	+0.0049	(23)	-I	31	12)
	56132.5631	0.0010	AG	+0.0075	s (23)	-I	31	12)
V1062 Her	56132.3965	0.0010	AG	+0.0060	s (23)	-I	31	12)
	56132.5191	0.0003	AG	+0.0029	(23)	-I	31	12)
V1071 Her	56157.3949	0.0003	AG	+0.0033	s (23)	-I	23	12)
V1073 Her	56062.4466	0.0003	AG	-0.0037	(23)	V	24	12)
	56074.5118	0.0009	AG	-0.0040	(23)	-I	42	12)
	56157.5004	0.0014	AG	-0.0031	(23)	-I	21	12)
	56201.3476	0.0002	RAT RCR	-0.0039	(23)	R	117	13)
V1095 Her	56132.3725	0.0003	AG	-0.0293	(21)	-I	31	12)
V1096 Her	56132.4826	0.0007	AG	+0.0274	(21)	-I	31	12)
V1100 Her	56157.4614	0.0015	AG	+0.0760	s (21)	-I	20	12)
V1103 Her	56062.5170	0.0009	AG	-0.0048	(21)	V	24	12)
	56172.3554	0.0003	RAT RCR	-0.0064	(21)	V	143	13)
V1105 Her	56062.4532	0.0017	AG	+0.0243	(21)	-I	24	12)
	56074.5179	0.0029	AG	+0.0251	s (21)	-I	42	12)
SW Lac	56155.3830	0.0005	DIE	+0.0598	s (21)	o	25	17)
	56206.3792	0.0006	AG	+0.0614	s (21)	-I	46	12)
VV Lac	56188.3625	0.0053	AG	+0.8474	s (21)	-I	27	12)
AG Lac	56157.4896	0.0065	AG	-0.0217	(21)	-I	51	12)
	56180.4284	0.0020	AG	-0.0244	s (21)	-I	17	12)
	56187.5725	0.0071	AG	-0.0260	(21)	-I	41	12)
AI Lac	56157.4981	0.0024	AG			-I	51	12)
	56188.3888	0.0007	AG			-I	27	12)
AU Lac	56158.3828	0.0009	AG	-0.0301	(21)	-I	40	12)
CY Lac	56188.4920	0.0042	AG	+0.6683	s (21)	-I	28	12)
DG Lac	56157.4532	0.0034	AG	-0.2268	(21)	-I	51	12)
EL Lac	56158.4894	0.0001	RAT RCR	+0.1292	(21)	R	121	13)
ER Lac	56167.4408	0.0023	AG	-0.5648	(21)	-I	34	12)
ES Lac	56180.5555	0.0007	RAT RCR	+0.1424	(21)	R	334	13)
EX Lac	56133.4801	0.0113	AG	+0.2385	s (21)	-I	31	12)
EY Lac	56188.4684	0.0011	AG	-0.3585	s (21)	-I	27	12)
FL Lac	56219.6260	0.0015	AG	-0.0445	(21)	-I	41	12)
FP Lac	56180.4271	0.0006	AG	+0.1564	(21)	-I	15	12)
GH Lac	56219.3590	0.0101	AG	-0.0830	(21)	-I	40	12)
	56219.6215	0.0010	AG	-0.0868	s (21)	-I	40	12)
HR Lac	56133.4422	0.0025	AG	+0.1114	(21)	-I	32	12)
	56167.5481	0.0006	AG	+0.1060	s (21)	-I	33	12)
IL Lac	56158.5327	0.0054	AG	-0.4712	s (23)	-I	40	12)
IM Lac	56158.5965	0.0012	AG	-0.1903	(21)	-I	40	12)
IU Lac	56187.4357	0.0027	AG	+0.0139	(21)	-I	41	12)
KU Lac	56158.4736	0.0047	AG	+0.5146	(21)	-I	40	12)
MZ Lac	56157.5826	0.0037	AG	+0.2693	s (21)	-I	51	12)
NR Lac	56133.5079	0.0018	AG	+0.0660	(21)	-I	32	12)
NW Lac	56167.4908	0.0083	AG	-0.1513	(21)	-I	33	12)
OS Lac	56187.5344	0.0047	AG	+0.3079	s (21)	-I	41	12)
PP Lac	56167.4313	0.0023	AG	-0.0558	s (21)	-I	33	12)
V339 Lac	56132.4553	0.0031	AG	+0.1407	(21)	-I	28	12)
V342 Lac	56167.4722	0.0038	AG	-0.0732	s (21)	-I	34	12)
V345 Lac	56187.4977	0.0106	AG	+0.0763	(21)	-I	41	12)
V441 Lac	56187.4619	0.0013	AG	-0.0110	(38)	-I	41	12)
	56187.6135	0.0042	AG	-0.0139	s (38)	-I	41	12)
V450 Lac	56219.4436	0.0315	AG			-I	40	12)
V458 Lac	56219.3369	0.0018	AG			-I	40	12)
Y Leo	56013.3436	0.0002	JU	-0.0252	(21)	o	46	5)

Table 1: (cont.)

Variable	HJD 24.....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
XX LMi	56006.3839	0.0007	RAT RCR	+0.0083	(21)	-U-I	177	13)
XY LMi	55959.4056	0.0020	RAT RCR	-0.0224	(21)	-U-I	80	13)
	56006.3721	0.0002	RAT RCR	-0.0215	s (21)	-U-I	175	13)
RZ Lyn	55988.3375	0.0009	JU	-0.1289	(21)	o	44	5)
SW Lyn	56019.4305	0.0002	AG	+0.0549	(21)	V	48	12)
CD Lyn	56019.4824	0.0035	AG	-0.0264	(35)	V	58	12)
DE Lyn	56003.3706	0.0004	JU	-0.0107	(23)	o	80	5)
DZ Lyn	56019.5329	0.0027	AG	-0.0135	(21)	V	49	12)
FO Lyn	55963.5420	0.0003	RAT RCR	+0.0181	(21)	-U-I	338	13)
FS Lyn	55962.5303	0.0018	RAT RCR			-U-I	291	13)
TZ Lyr	56157.3669	0.0001	AG	+0.0063	(21)	-I	23	12)
DF Lyr	56072.4875	0.0014	AG	+0.0324	(21)	-I	26	12)
GZ Lyr	56072.3790	0.0033	AG	+0.0045	(21)	-I	27	12)
HY Lyr	56062.5070	0.0025	AG			-I	24	12)
IP Lyr	56062.3964		AG	-0.0117	s (21)	-I	24	12)
MN Lyr	56062.4509	0.0022	AG	+0.0488	s (21)	-I	24	12)
MZ Lyr	56072.5013	0.0024	AG	-0.0081	s (21)	-I	26	12)
OT Lyr	56072.5023	0.0093	AG	-0.0070	s (21)	-I	24	12)
	56153.4680	0.0006	RAT RCR	-0.0696	s (21)	R	166	13)
PS Lyr	56167.3762	0.0010	FR	+0.0215	(21)	V	40	15)
QU Lyr	56074.5016	0.0017	AG	+0.0017	s (21)	-I	24	12)
V574 Lyr	56062.4523	0.0017	AG	+0.0029	s (23)	-I	24	12)
	56073.5127	0.0001	RAT RCR	+0.0017	(23)	-U-I	207	13)
V579 Lyr	56177.4256	0.0014	JU	-0.0114	(23)	o	63	5)
V591 Lyr	56062.4119	0.0008	AG			-I	24	12)
	56062.5623	0.0003	AG			-I	24	12)
V392 Ori	55602.2770	0.0001	RAT RCR	+0.0017	(21)	-U-I	160	13)
V648 Ori	55858.5149	0.0001	RAT RCR	+0.0657	s (21)	-U-I	225	13)
V1799 Ori	55859.4981	0.0001	RAT RCR			-U-I	241	13)
V1823 Ori	55592.3535	0.0002	RAT RCR			-U-I	232	13)
V1853 Ori	55601.2630	0.0003	RAT RCR			-U-I	107	13)
	55857.4885	0.0003	RAT RCR			-U-I	238	13)
U Peg	55859.2433	0.0002	RAT RCR	-0.0197	(53)	-U-I	85	13)
BB Peg	56212.2869	0.0009	DIE	-0.0098	(21)	o	25	17)
BG Peg	56154.3744	0.0035	PGL	+0.3622	s (52)	V	131	11)
	56154.4155	0.0035	PGL	+0.4033	s (52)	V	131	11)
	56157.3897	0.0035	PGL	+0.4490	(52)	V	73	11)
BY Peg	55807.3671	0.0002	RAT RCR	-0.0249	s (21)	-U-I	147	13)
CC Peg	55807.3703	0.0020	RAT RCR	-0.0233	s (37)	-U-I	145	13)
DK Peg	55858.3132	0.0001	RAT RCR	+0.1110	(21)	-U-I	215	13)
V365 Peg	55794.4385	0.0002	RAT RCR			-U-I	182	13)
V404 Peg	55820.5145	0.0001	RAT RCR	-0.0942	(21)	-U-I	300	13)
RT Per	55625.3218	0.0001	RAT RCR	+0.0715	(21)	-U-I	105	13)
	55849.5662	0.0008	FR	+0.0742	(21)	o	54	15)
WY Per	55614.3396	0.0001	RAT RCR	-0.1900	(21)	-U-I	202	13)
IU Per	55849.4647	0.0012	FR	+0.0069	(21)	o	42	15)
LX Per	56151.4636	0.0035	FR	-0.0613	s (21)	-I	22	12)
	56187.6478	0.0010	FR	-0.0490	(21)	-I	73	12) 1)
V432 Per	55849.3930	0.0022	FR	-0.0345	(28)	o	50	15)
	55849.5905	0.0054	FR	-0.0287	s (28)	o	50	15)
	55887.5332	0.0001	RAT RCR	-0.0339	s (28)	-U-I	307	13)
V570 Per	56151.4459	0.0011	FR	+0.0055	(23)	-I	33	12)
	56187.5617	0.0006	FR	+0.0034	(23)	-I	44	12)
V873 Per	55849.4248	0.0017	FR			o	26	15)
	55849.5695	0.0023	FR			o	26	15)
V881 Per	55622.3877	0.0004	RAT RCR			-U-I	156	13)
V887 Per	55849.3237	0.0038	FR			o	49	15)
V912 Per	55623.3501	0.0002	RAT RCR			-U-I	207	13)
DV Psc	55796.5269	0.0001	RAT RCR			-U-I	192	13)

Table 1: (cont.)

Variable	HJD 24....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
DZ Psc	55866.3053	0.0002	RAT RCR			-U-I	129	13)
EX Psc	55496.5171	0.0004	RAT RCR			-U-I	182	13)
GR Psc	55805.4800	0.0003	RAT RCR			-U-I	171	13)
	55859.3606	0.0001	RAT RCR			-U-I	144	13)
GY Psc	55894.3335	0.0007	RAT RCR			-U-I	204	13)
RW PsA	56153.3412	0.0008	WLH HUN			-U-I	139	19)
V365 Sge	56094.4591	0.0012	AG	-0.0602	(21)	-I	23	12)
AO Ser	55662.5137	0.0001	RAT RCR	-0.0139	(21)	-U-I	261	13)
AS Ser	55689.4029	0.0005	RAT RCR	-0.0162	(21)	-U-I	0	13)
AU Ser	55654.5464	0.0001	RAT RCR	+0.0883	s (21)	-U-I	220	13)
	56065.3904	0.0004	AG	+0.0819	s (21)	V	15	12)
CC Ser	55691.3653	0.0003	RAT RCR	-0.0635	(21)	-U-I	103	13)
V1094 Tau	56272.3318	0.0104	PGL	+0.0419	(32)	o	295	16)
BC Tri	55806.5640	0.0005	RAT RCR			-U-I	239	13)
BX Tri	55866.4883	0.0004	RAT RCR			-U-I	142	13)
	55866.5833	0.0004	RAT RCR			-U-I	142	13)
TY UMa	55687.5253	0.0001	RAT RCR	-0.0547	s (21)	-U-I	325	13)
VV UMa	55623.5125	0.0001	RAT RCR	-0.0492	(21)	-U-I	335	13)
XY UMa	55643.5030	0.0004	RAT RCR	+0.0382	s (21)	-U-I	215	13)
XZ UMa	55642.5212	0.0001	RAT RCR	-0.1071	(21)	-U-I	270	13)
	55669.4114	0.0002	RAT RCR	-0.1080	(21)	-U-I	123	13)
DW UMa	56002.3852	0.0004	JU	+0.0000	(23)	o	79	5)
EQ UMa	55671.3721	0.0004	RAT RCR			-U-I	130	13)
HN UMa	55649.5538	0.0002	RAT RCR			-U-I	238	13)
KM UMa	55671.5210	0.0001	RAT RCR	+0.0007	(23)	-U-I	264	13)
LP UMa	56002.4221	0.0025	JU	+0.0027	(23)	o	79	5)
MQ UMa	55644.5823	0.0003	RAT RCR	+0.0793	(21)	-U-I	253	13)
	55669.5757	0.0004	RAT RCR	+0.0796	s (21)	-U-I	238	13)
NV UMa	55670.5200	0.0002	RAT RCR			-U-I	312	13)
VW UMi	55627.6671	0.0002	RAT RCR	-0.0796	s (21)	-U-I	345	13)
CG Vir	55690.4350	0.0001	RAT RCR	+0.1395	s (21)	-U-I	161	13)
PS Vir	55629.3898	0.0003	RAT RCR			-U-I	101	13)
BB Vul	56149.4346	0.0007	SIR	+0.0000	(23)	o	22	8)
BE Vul	56153.3926	0.0002	RAT RCR	+0.0848	(21)	o	151	20)
BU Vul	56132.3992	0.0017	DIE	+0.0212	(21)	o	22	17)
DR Vul	56178.3494	0.0004	JU	+0.0832	(21)	o	50	5)
	56178.3504	0.0020	WTR	+0.0842	(21)	o	75	4)
ER Vul	56206.3331	0.0030	AG	+0.0193	(21)	-I	25	12)
FR Vul	56167.5639	0.0005	FR	-0.0028	(21)	V	81	15)
GN Vul	56074.4725	0.0073	AG	+0.0404	(21)	-I	24	12)
GP Vul	56203.4317	0.0017	AG	-0.0642	(21)	-I	40	12)
HI Vul	56203.3441	0.0032	AG	-0.0609	(21)	-I	42	12)
GSC 00104-01058	55953.3642	0.0005	FR			-I	52	12)
GSC 00279-00695	56002.3441	0.0008	FR			-I	102	12)
	56002.5234	0.0006	FR			-I	102	12)
GSC 00861-00252	56001.4945	0.0024	FR			V	50	15)
GSC 00863-00753	56001.4576	0.0033	FR			V	48	15)
GSC 01127-01808	56188.4346	0.0005	QU			V	33	6)
GSC 01315-01104	55592.3246	0.0003	RAT RCR			-U-I	232	13)
GSC 01360-01778	55957.5113	0.0008	FR			-I	52	12)
GSC 01438-01514	56001.5049	0.0062	FR			V	27	15)
GSC 01643-01880	56094.4471	0.0018	AG			-I	22	12)
GSC 01920-01922	56013.4084	0.0039	FR			o	37	15)
GSC 01922-01415	56003.4179	0.0008	FR			V	44	15)
GSC 01939-00891	56013.4036	0.0013	FR			o	40	15)
GSC 02452-02005	56003.5199	0.0016	FR			V	44	15)
GSC 02454-00681	56003.3839	0.0021	FR			V	45	15)
	56003.5574	0.0022	FR			V	45	15)
	56013.3780	0.0022	FR			o	40	15)

Table 1: (cont.)

Variable	HJD 24.....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
GSC 02454-01430	56003.4135	0.0040	FR			V	45	15)
GSC 02458-01669	56003.3964	0.0015	FR			V	46	15)
	56003.5461	0.0036	FR			V	46	15)
GSC 02461-00856	56003.3155	0.0003	FR			V	32	15)
GSC 02469-00087	56013.3030	0.0005	FR			o	40	15)
	56013.5081	0.0017	FR			o	40	15)
GSC 02474-00423	56013.4103	0.0023	FR			o	38	15)
GSC 02483-00686	56013.5012	0.0025	FR			o	44	15)
GSC 02610-00088	56074.4431	0.0149	AG	-0.0145	(45)	-I	42	12)
GSC 02677-00838	55833.3045	0.0005	FR			-I	41	12)
	55833.4788	0.0006	FR			-I	41	12)
	56152.4170	0.0003	FR			-I	34	12)
	56152.5854	0.0004	FR			-I	34	12)
GSC 02746-00463	56159.4324	0.0043	FR			o	33	15)
GSC 02757-01475	55820.5410	0.0007	RAT RCR			-U-I	290	13)
GSC 02797-01241	56220.3268	0.0038	AG			-I	31	12)
	56220.4660	0.0010	AG			-I	31	12)
GSC 02855-00949	55849.5118	0.0041	FR			o	24	15)
GSC 02869-00639	55849.3808	0.0016	FR			o	22	15)
	55849.5604	0.0026	FR			o	22	15)
GSC 02903-00067	55953.4948	0.0023	FR			V	34	15)
GSC 02933-01972	56001.3584	0.0012	JU			o	70	5)
GSC 03110-00482	56094.4678	0.0006	FR			o	17	15)
	56132.4125	0.0027	FR			o	30	15)
GSC 03111-00566	56094.4654	0.0010	FR			o	27	15)
GSC 03200-01298	56159.5928	0.0013	FR			o	75	15)
GSC 03205-01788	56159.3884	0.0010	FR			o	73	15)
GSC 03205-02277	56159.4888	0.0007	FR			o	36	15)
GSC 03223-01180	56159.4227	0.0010	FR			o	36	15)
	56159.5569	0.0008	FR			o	36	15)
GSC 03344-01247	55953.3260	0.0006	FR			V	34	15)
	55953.5057	0.0005	FR			V	34	15)
GSC 03373-01033	55978.4191	0.0016	FR			V	24	15)
GSC 03573-01677	55851.4772	0.0003	FR			o	43	15)
GSC 03578-00263	55874.3285	0.0062	FR			o	36	15)
GSC 03579-00488	55851.3906	0.0025	FR			o	46	15)
GSC 03581-01856	55874.3864	0.0010	FR			o	17	15)
GSC 03583-00309	55851.4049	0.0024	FR			o	46	15)
GSC 03590-01714	55857.4720	0.0029	FR			o	51	15)
GSC 03612-00014	56133.4876	0.0102	AG	+0.0012	s (44)	-I	32	12)
	56187.3262	0.0017	AG	+0.0055	(44)	-I	42	12)
GSC 03618-00162	56167.4757	0.0034	AG	+0.0116	(44)	-I	34	12)
GSC 03619-00047	56132.5311	0.0025	AG	+0.0095	(44)	-I	28	12)
	56167.4438	0.0061	AG	+0.0095	(44)	-I	34	12)
GSC 03619-00715	56132.4100	0.0046	AG	+0.1023	(45)	-I	28	12)
GSC 03635-01628	56238.3097	0.0033	JU			o	53	5)
GSC 03748-00162	55978.5235	0.0013	FR			V	40	15)
GSC 03749-01263	55978.5995	0.0007	FR			V	36	15)
GSC 03983-00544	56180.3776	0.0009	RAT RCR			R	167	13)
	56180.5826	0.0011	RAT RCR			R	167	13)
GSC 04031-00546	56167.4749	0.0018	AG			-I	29	12)
GSC 04038-00816	55879.4187	0.0059	FR			o	43	15)
GSC 04043-01123	55878.5383	0.0026	FR			o	57	15)
	55879.3056	0.0030	FR			o	43	15)
GSC 04045-00231	55878.3464	0.0019	FR			o	63	15)
GSC 04045-00446	55878.3242	0.0019	FR			o	20	15)
	55878.4805	0.0027	FR			o	20	15)
	55878.6444	0.0023	FR			o	20	15)
	55879.2764	0.0004	FR			o	56	15)

Table 1: (cont.)

Variable	HJD 24.....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
GSC 04297-01593	55878.3303	0.0015	FR			o	62	15)
	55878.5995	0.0069	FR			o	62	15)
	55879.3798	0.0024	FR			o	37	15)
GSC 04479-00391	55774.4788	0.0010	SIR			o	225	8)
GSC 04497-00283	56167.4994	0.0065	AG			-I	27	12)
GSC 04585-02642	56206.4432	0.0023	AG			-I	86	12)
GSC 04826-02102	55970.3528	0.0004	FR			-I	63	12)
GSC 04922-00133	56001.2957	0.0021	FR			-I	98	15)
NSVS 109935	56188.3577	0.0021	AG			-I	30	12)
NSVS 1541003	56219.5760	0.0025	AG			-I	47	12)
NSVS 1841163	56220.3268	0.0054	AG			-I	28	12)
NSVS 1929858	56167.5735	0.0059	AG			-I	29	12)
NSVS 2791123	56187.3397	0.0065	AG			-I	40	12)
NSVS 2871290	56062.3799	0.0022	AG			-I	57	12)
	56187.4093	0.0125	AG			-I	43	12)
NSVS 366701	56220.4445	0.0035	AG			-I	28	12)
NSVS 437746	56188.3462	0.0023	AG			-I	28	12)
U-A2 1125-18642389	55807.4245	0.0030	RAT RCR			-U-I	137	13)
U-B1 1398-0469064	56219.4224	0.0025	AG	-0.0493	s (44)	-I	38	12)
	56219.5881	0.0015	AG	-0.0462	(44)	-I	38	12)
U-B1 1400-0455467	56187.4262	0.0044	AG	-0.0473	(45)	-I	41	12)
U-B1 1416-0454010	56132.4336	0.0038	AG			-I	28	12)
	56157.5049	0.0024	AG			-I	51	12)
	56158.4451	0.0017	AG			-I	40	12)
	56158.5980	0.0008	AG			-I	40	12)
	56167.3759	0.0014	AG			-I	34	12)
	56167.5348	0.0020	AG			-I	34	12)
	56180.3832	0.0020	AG			-I	15	12)
	56188.3758	0.0029	AG			-I	28	12)
U-B1 1440-0411990	56180.3780	0.0041	AG			-I	18	12)
U-B1 1500-0005759	56133.4956	0.0038	AG			-I	45	12)
U-B1 1503-0282065	56072.4190	0.0024	AG			-I	47	12)

Table 2: Times of maxima of pulsating stars

Variable	HJD 24.....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
XX And	56220.414	0.001	AG	+0.029	(56)	-I	31	12)
GP And	56238.3748	0.0035	PGL	-0.0324	(21)	o	49	16)
	56239.2403	0.0035	PGL	-0.0324	(21)	o	91	16)
BS Aqr	56179.4267	0.0018	FLG	+0.0160	(21)	V	94	10)
CY Aqr	55451.3884	0.0001	NIC	-0.0024	(21)	C	50	6)
AA Aql	56181.4239	0.0011	FLG	+0.0050	(47)	V	119	10)
eta Aql	56007.00		VLM	-0.01	(21)	o	78	15)
UU Boo	56069.452	0.001	AG	+0.005	(22)	V	30	12)
YZ Boo	56069.441	0.001	AG	+0.008	(21)	V	29	12)
	56069.543	0.001	AG	+0.005	(21)	V	29	12)
	56119.4008	0.0008	WLH	+0.0034	(21)	o	68	18)
NT Cam	56019.445	0.002	AG	+0.024	(21)	-I	30	12)
	56019.523	0.002	AG	+0.020	(21)	-I	30	12)
	56019.602	0.002	AG	+0.016	(21)	-I	30	12)
EF Cnc	56001.4818	0.0030	MZ			-U-I	214	6)
	56010.3541	0.0030	MZ			-U-I	231	6)
ST CVn	56069.478	0.001	AG	-0.138	(58)	-I	26	12)
XY CVn	56069.409	0.002	AG	-0.046	(21)	-I	26	12)
AP CVn	56073.3997	0.0013	MZ	-0.2551	(21)	-U-I	98	6)
BR Cas	55083.3403	0.0013	MZ	-0.3022	(21)	-U-I	52	6)
	55828.4656	0.0010	MZ	+0.2774	(21)	-U-I	105	6)
	55881.3912	0.0013	MZ	+0.2818	(21)	-U-I	152	6)
	56201.3412	0.0013	MZ	+0.2718	(21)	-U-I	180	6)
	56210.4625	0.0013	MZ	+0.2688	(21)	-U-I	132	6)

Table 2: (cont.)

Variable	HJD 24....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
QY Cas	55837.4842	0.0020	MZ	-0.1398	(21)	-U-I	92	6)
	55856.4092	0.0010	MZ	-0.1148	(21)	-U-I	107	6) 3)
	55887.3512	0.0014	MZ	-0.1688	(21)	-U-I	65	6) 2)
	55887.3851	0.0040	MZ	-0.1349	(21)	-U-I	65	6) 3)
	55943.2712	0.0019	MZ	+0.1852	(21)	-U-I	59	6) 2)
	55943.3051	0.0016	MZ	-0.1589	(21)	-U-I	59	6) 3)
	55960.2687	0.0016	MZ	+0.1727	(21)	-U-I	63	6) 2)
	55960.2973	0.0035	MZ	-0.1767	(21)	-U-I	63	6) 3)
	55969.3178	0.0010	MZ	+0.1498	(21)	-U-I	73	6) 2)
	55969.3535	0.0016	MZ	+0.1855	(21)	-U-I	73	6) 3)
	56143.3894	0.0013	MZ	-0.0366	(21)	-U-I	57	6) 2)
	56143.4263	0.0013	MZ	+0.0003	(21)	-U-I	57	6)
	56152.4443	0.0016	MZ	-0.0537	(21)	-U-I	76	6) 2)
	56152.4673	0.0010	MZ	-0.0307	(21)	-U-I	76	6) 3)
V363 Cas	56133.394	0.001	AG	+0.108	(57)	-I	43	12)
V1041 Cas	56159.528	0.001	AG			-I	37	12)
V1057 Cas	55879.515	0.003	FR			o	39	15)
V1057 Cas	56219.450	0.001	AG			-I	49	12)
RZ Cep	56058.422	0.002	AG	-0.132	(21)	-I	48	12)
	56157.4871	0.0010	MZ	+0.1535	(21)	-U-I	60	6) 2)
	56157.5227	0.0011	MZ	-0.1196	(21)	-U-I	60	6) 3)
	56206.293	0.001	AG	-0.122	(21)	-I	55	12)
delta Cep	56027.24		VLM	-0.26	(21)	o	123	15)
TX Com	56074.4256	0.0013	MZ			-U-I	82	6)
RV CrB	56095.4319	0.0010	ALH	-0.0007	(21)	V	299	7) 2)
XX Cyg	56159.5321	0.0009	NIC	+0.0036	(21)	V	100	6)
NS Cyg	55830.5139	0.0010	MZ	+0.2111	(21)	-U-I	63	6)
	55834.3599	0.0016	MZ	+0.2050	(21)	-U-I	60	6)
	56168.4241	0.0013	MZ	+0.2371	(21)	-U-I	87	6)
	56211.3446	0.0014	MZ	+0.2342	(21)	-U-I	121	6)
V791 Cyg	56167.554	0.004	FR	-0.098	(21)	-I	88	12)
V881 Cyg	56179.465	0.002	FR	-0.083	(21)	-I	47	12)
V882 Cyg	56179.435	0.002	FR	-0.008	(21)	-I	47	12)
V1369 Cyg	56172.3921	0.0013	MZ	-0.1024	(21)	-U-I	119	6)
V1719 Cyg	55874.338	0.002	FR	-0.062	(21)	o	38	15)
	56158.477	0.001	AG	-0.062	(21)	-I	29	12)
	56206.324	0.001	AG	-0.062	(21)	-I	60	12)
V1962 Cyg	56180.3441	0.0014	MZ	-0.0336	(64)	-U-I	89	6)
V2470 Cyg	56101.4316	0.0011	MZ			-U-I	109	6)
CV Del	56179.4300	0.0010	MZ	-0.0506	(21)	-U-I	167	6)
VZ Dra	56062.408	0.002	AG	+0.069	(21)	-I	57	12)
NZ Dra	56061.401	0.001	AG			-I	34	12)
SX For	56155.5723	0.0002	WLH HUN	+0.0079	(21)	-U-I	142	9)
SZ Gem	56274.4078	0.0007	QU	+0.0114	(55)	V	90	6)
TW Her	56157.386	0.001	AG	-0.010	(21)	-I	20	12)
LS Her	56065.422	0.001	AG	+0.028	(21)	V	15	12)
V545 Her	56058.482	0.001	AG	+0.133	(21)	-I	35	12)
V686 Her	56065.453	0.002	AG			-I	15	12)
V718 Her	53849.458	0.001	AG	+0.025	(21)	-I	23	4)
	56132.478	0.001	AG	+0.123	(21)	-I	31	12)
V725 Her	56132.564	0.001	AG			-I	31	12)
V862 Her	56076.4792	0.0030	MZ			-U-I	119	6)
RV Leo	56009.4067	0.0010	MZ	-0.0556	(21)	-U-I	135	6)
DL Leo	56013.3645	0.0018	MZ	+0.0437	(25)	-U-I	119	6)
TV Lyn	56019.562	0.003	AG	+0.025	(21)	-I	49	12)
TW Lyn	56019.528	0.001	AG	+0.061	(21)	-I	46	12)
AN Lyn	56006.3442	0.0021	PGL			V	137	11)
	56046.4426	0.0014	PGL			V	149	11)
ZZ Lyr	56223.3472	0.0013	MZ	-0.0115	(21)	-U-I	59	6)

Table 2: (cont.)

Variable	HJD 24....	\pm	Obs	$O - C$	Ref	Fil	n	Rem
DD Lyr	55848.2960	0.0016	MZ	-0.1388	(21)	-U-I	42	6)
	56096.4598	0.0018	MZ	-0.1381	(21)	-U-I	117	6)
	56162.4139	0.0013	MZ	-0.1373	(21)	-U-I	162	6)
	56228.3647	0.0018	MZ	-0.1397	(21)	-U-I	91	6)
EX Lyr	56158.4050	0.0013	MZ	-0.0623	(21)	-U-I	170	6)
QV Lyr	56157.4034	0.0008	MZ	+0.1152	(21)	-U-I	85	6)
BH Peg	56144.4031	0.0035	PGL	-0.0308	(54)	V	379	11)
	56151.4591	0.0035	PGL	-0.0257	(54)	V	311	11)
DH Peg	56251.3282	0.0104	PGL	+0.0404	(21)	o	84	16)
	56252.3297	0.0069	PGL	+0.0199	(21)	o	147	16)
DY Peg	56174.4245	0.0035	PGL	-0.0103	(21)	-I	49	16)
	56180.4024	0.0005	FLG	-0.0123	(21)	V	111	10)
	56180.4751	0.0004	FLG	-0.0126	(21)	V	111	10)
V398 Peg	56177.4990	0.0018	MZ	+0.0851	(21)	-U-I	144	6)
AN Per	56187.548	0.004	FR	+0.293	(21)	-I	45	12)
V378 Per	56223.4629	0.0008	MZ	+0.0977	(21)	-U-I	73	6)
BH Ser	56110.4547	0.0009	MZ	+0.1147	(21)	-U-I	129	6)
BT Ser	56134.4574	0.0020	MZ	-0.1080	(21)	-U-I	118	6)
	56150.3765	0.0015	MZ	-0.1449	(21)	-U-I	128	6)
V475 Ser	56065.453	0.001	AG			V	15	12)
AE UMa	55993.3036	0.0005	NIC	+0.0016	(56)	C	50	6)
	55993.3871	0.0005	NIC	-0.0010	(56)	C	50	6)
GSC 01935-01030	56013.3682	0.0042	FR			o	39	15)
GSC 01938-01628	56013.398	0.002	FR			o	39	15)
GSC 02670-04008	56158.557	0.002	FR	+0.011	(45)	-I	56	12)
	56186.386	0.002	FR	-0.046	(45)	-I	71	12)
GSC 02671-02149	56158.506	0.003	FR	-0.042	(45)	-I	47	12)
	56186.444	0.003	FR	+0.029	(45)	-I	54	12)
GSC 03092-01411	56157.460	0.002	AG			-I	20	12)
GSC 03577-02495	55851.503	0.003	FR			o	51	15)
GSC 03682-00018	55858.579	0.001	AG			-I	61	12)
	55859.380	0.001	AG			-I	54	12)
GSC 03755-00845	56319.3291	0.0069	PGL			V	158	16)
	56324.4261	0.0028	PGL			V	98	16)
GSC 03986-01266	56167.445	0.001	AG			-I	33	12)
GSC 04372-00436	55591.414	0.001	AG			-I	30	12)
	55591.595	0.001	AG			-I	32	12)
	55887.255	0.001	AG			-I	41	12)
	55887.530	0.001	AG			-I	32	12)
GSC 04433-00827	56181.3105	0.0030	RAT RCR			R	61	13)
	56181.3656	0.0030	RAT RCR			R	61	13)
TYC 1698-01052-1	56151.3888	0.0035	PGL			V	156	11)
	56151.4123	0.0035	PGL			V	156	11)
	56154.3891	0.0035	PGL			V	259	11)
U-B1 1422-0506537	56132.412	0.002	AG	+0.004	(45)	-I	28	12)
	56132.521	0.002	AG	+0.000	(45)	-I	28	12)
	56157.482	0.001	AG	+0.013	(45)	-I	51	12)
U-B1 1424-0504416	56132.501	0.002	AG	-0.049	(45)	-I	28	12)
	56157.489	0.001	AG	-0.006	(45)	-I	51	12)

Observers:

AG:	Agerer, F., Tiefenbach	PGL:	Pagel, Dr. L., Klockenhagen
ALH:	Alich, K., Schaffhausen	QU:	Quester, W., Esslingen
DIE:	Dietrich, M., Radebeul	RAT:	Rätz, M., Herges-Hallenberg
FLG:	Flehsig, Dr. G., Teterow	RCR:	Rätz, K., Herges-Hallenberg
FR:	Frank, P., Velden	SCI:	Schmidt, U., Karlsruhe
HUN:	Hunger, T., Warstein	SIR:	Schirmer, J., Willisau
JU:	Jungbluth, H., Karlsruhe	VLM:	Vollmann, W., Wien
MZ:	Maintz, Dr. G., Bonn	WLH:	Wollenhaupt, G., Oberwiesenthal
NIC:	Nickel, O., Mainz	WTR:	Walter, F., München

Remarks:	(13) CCD camera Moravian G2-1600
n number of measurements	(14) CCD camera QHY8
: uncertain	(15) CCD camera Canon EOS 450D
s secondary minimum	(16) CCD camera Canon EOS1000D
(1) normal maximum	(17) CCD camera ATIK 314 L+
(2) double maximum: time of the first maximum	(18) CCD camera SBIG STL-11000 M
(3) double maximum: time of the second maximum	(19) CCD camera Nova 402
Photometer	(20) CCD camera ST-8
(4) CCD camera ST-6: chip 375*242 uncoated	Filter
(5) CCD camera ST-7	o without filter
(6) CCD camera ST-7E	V V-filter
(7) CCD camera ST-8 XMEI	R R-filter
(8) CCD camera ST-8 XME	Ic I-filter cousins
(9) CCD camera ST-7 XE	-I IR cut-off filter
(10) CCD camera Sigma 402: chip KAF0402ME	-U-I U and IR cut-off filter
(11) CCD camera Artemis 4021	C Clearfilter
(12) CCD camera Sigma 1603	

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ERRATUM FOR IBVS 6010 (BAVM 220)

AB Cas	55463.4821	PGL	has to be deleted
WZ Boo	55703.5169	MZ	has to be deleted
WZ Boo	55714.4861	MZ	has to be deleted

ERRATUM FOR IBVS 6070 (BAVM 231)

V366 Cas	56158.434	AG	has to be deleted
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ERRATUM FOR IBVS 6070 (BAVM 231)

SX For	56155.5723	WLH HUN	has to be deleted
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