

COMMISSIONS 27 AND 42 OF THE IAU
INFORMATION BULLETIN ON VARIABLE STARS

Number 5741

Konkoly Observatory
Budapest
13 December 2006

HU ISSN 0374 – 0676

CCD TIMES OF MINIMA OF SELECTED ECLIPSING BINARIES

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The given list of minima from 2004-2005 is one of the results of our long-term observational program, which is devoted to eclipsing binaries (EB) worthy of our attention — EB with eccentric orbits, apsidal motions, spots or simply rarely observed EB.

Observatory and telescope:	
N. Copernicus Observatory and Planetarium in Brno, Czech Republic – 16" Newtonian telescope (f/1750 mm) (RL400) – 8" Newtonian telescope (f/1000 mm) (RL200) – 3" refractor (f/340 mm)(RF80) Ulupinar Observatory, Çanakkale Onsekiz Mart University, Çanakkale, Turkey – 12" Newtonian telescope (f/3048 mm) (RL300)	
Detector:	765 × 510+ SBIG ST7 CCD camera (RL400) 640 × 480+ SBIG ST237 CCD camera (RL300) 765 × 510+ SBIG ST7XMEI CCD camera (RL200) 1530 × 1020+ SBIG ST8 CCD camera (RF80)
Method of data reduction:	
Reduction of the CCD frames was made with a software package C-Munipack [†]	
Method of minimum determination:	
The minima times were computed using several procedures written by Gaspani (1995) based on artificial neural networks, software AVE based on Kwee–van Woerden method (Barber, 1999) and new mathematical method developed by Mikulášek (2005)	

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
BX And	53612.5779	0.0001	I	R_C	MZ,RL200;386
DO And	53674.4210	0.0004	I	R_C	MZ,RL400;25
EP And	53611.5274	0.0002	II	R_C	MZ,RL400;19
GZ And	53255.4958	0.0001	II	$V(RI)_C$	MZ,RL400;146
GZ And	53344.2570	0.0002	II	$V(RI)_C$	MZ,RL400;160
GZ And	53344.4088	0.0001	I	$V(RI)_C$	MZ,RL400;149
V 440 And	53254.6016	0.0002	I	$(RI)_C$	MZ,RL400;112

[†] Motl, D., 2004, C-Munipack, <http://integral.sci.muni.cz/cmunicipack/>

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
UU Aqr	53222.5539	0.0008	I	(RI) _C	MZ,RL400;39
CX Aqr	53656.3309	0.0003	I	R _C	MZ,RL200;45
DY Aqr	53299.3738	0.0009	I	C	MZ,RL300;1099
GK Aqr *	53656.3817	0.0002	I	R _C	MZ,RL400;52
V 407 Aql	53222.4193	0.0042	I	C	MZ,RL400;20
V 417 Aql	53222.4121	0.0039	I	R _C	MZ,RL400;20
V 479 Aql	53612.3607	0.0002	I	R _C	MZ,RL400;28
V 699 Aql	53613.3913	0.0004	I	R _C	MZ,RL400;39
V 761 Aql	53233.3578	0.0002	I	C	MZ,RL400;25
V 770 Aql	53613.3574	0.0003	I	R _C	MZ,RL400;27
V 784 Aql	53224.5805	0.0018	I	V(RI) _C	MZ,RL400;74
V 784 Aql	53612.4560	0.0006	I	R _C	MZ,RL400;24
V 803 Aql	53222.4938	0.0055	II	C	MZ,RL400;11
V 873 Aql	53611.3942	0.0004	I	R _C	MZ,RL400;36
V1168 Aql	53613.4246	0.0002	I	R _C	MZ,RL400;41
V1355 Aql	53612.4457	0.0003	I	R _C	MZ,RL400;14
HP Aur	53609.6144	0.0002	I	R _C	MZ,RL400;113
IU Aur	53380.3889	0.0011	I	R _C	MZ,RL200;308
KO Aur	53715.5735	0.0001	I	R _C	MZ,RL200;408
QT Aur	53705.4253	0.0006	I	R _C	MZ,RL400;27
V 364 Aur	53360.4067	0.0002	I	C	MZ,RL200;240
V 523 Aur	53442.4606	0.0011	I	V(RI) _C	MZ,RL400;65
V 523 Aur	53450.3912	0.0003	I	V(RI) _C	MZ,RL400;116
TZ Boo	53442.4868	0.0009	II	VR _C	MZ,RL200;246
TZ Boo	53442.6342	0.0011	I	VR _C	MZ,RL200;214
TZ Boo	53462.3956	0.0004	II	VR _C	MZ,RL200;271
TZ Boo	53462.5428	0.0002	I	VR _C	MZ,RL200;257
FY Boo *	53463.4535	0.0001	I	V(RI) _C	MZ,RL400;95
FY Boo *	53463.5751	0.0002	II	V(RI) _C	MZ,RL400;96
LR Cam	53684.3758	0.0002	I	R _C	MZ,RL200;152
SW Cnc	53464.3139	0.0003	I	R _C	MZ,RL400;13
WY Cnc	53410.5986	0.0016	I	R _C	MZ,RL400;12
WY Cnc	53465.3369	0.0001	I	R _C	MZ,RL200;389
AC Cnc	53463.2819	0.0003	I	R _C	MZ,RL400;23
08161907 Cnc *	53464.3923	0.0009	II	R _C	MZ,RL400;31
TU CMi *	53344.5768	0.0005	II	V(RI) _C	MZ,RL400;183
TU CMi *	53410.4582	0.0005	I	R _C	MZ,RL400;32
TX CMi	53410.2691	0.0001	II	R _C	MZ,RL400;15
TX CMi	53410.4645	0.0001	I	R _C	MZ,RL400;27
TX CMi	53464.3712	0.0004	II	R _C	MZ,RL400;25
XZ CMi	53388.5179	0.0002	I	VR _C	MZ,RL200;158
XZ CMi	53409.3565	0.0003	I	R _C	MZ,RL400;19
AG CMi	53381.4065	0.0003	I	V(RI) _C	MZ,RL200;161
AO CMi	53409.3188	0.0001	I	R _C	MZ,RL400;15
AV CMi	53410.5008	0.0004	I	R _C	MZ,RL400;36
07700523 CMi *	53410.3814	0.0048	I	R _C	MZ,RL400;43
CzeV062 CMi *	53410.3376	0.0002	II	R _C	MZ,RL400;21
CzeV062 CMi *	53410.4915	0.0005	I	R _C	MZ,RL400;21
CzeV062 CMi *	53464.3143	0.0009	II	R _C	MZ,RL400;18
AB Cas	53671.4052	0.0001	I	R _C	MZ,RL200;412
AH Cas	53344.5795	0.0008	I	C	MZ,RL200;630
CW Cas	53361.2508	0.0006	II	V	MZ,RL200;460
CW Cas	53361.4115	0.0008	I	B(RI) _C	MZ,RL200;292
CW Cas	53612.5143	0.0001	I	R _C	MZ,RL200;173
EI Cas	53256.5902	0.0011	I	R _C	MZ,RL400;18
EY Cas	53256.6101	0.0006	II	R _C	MZ,RL400;23
IV Cas	53671.6040	0.0001	I	R _C	MZ,RL200;207
KL Cas	53256.5960	0.0007	I	R _C	MZ,RL400;22
KT Cas	53252.5624	0.0012	I	R _C	MZ,RL400;40
MM Cas	53705.3900	0.0001	I	R _C	MZ,RL200;275

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
V 541 Cas	53609.5863	0.0001	I	R_C	MZ,RL200;140
V 775 Cas	53674.6113	0.0003	II	R_C	MZ,RL200;285
V 799 Cas	53256.4775	0.0003	II	R_C	MZ,RF80;173
V 851 Cas *	53256.6002	0.0003	I	R_C	MZ,RL400;18
42971664 Cas	53613.4050	0.0002	II	R_C	MZ,RL200;264
WY Cep	53611.5699	0.0003	I	R_C	MZ,RL200;194
ZZ Cep	53651.4587	0.0001	I	R_C	MZ,RL200;212
BE Cep	53653.5005	0.0005	I	R_C	MZ,RL400;41
EK Cep	53388.6311	0.0001	I	$V(RI)_C$	MZ,RL200;593
IO Cep	53653.5083	0.0003	I	R_C	MZ,RL400;41
OT Cep	53613.6059	0.0004	I	R_C	MZ,RL400;59
V 698 Cep	53684.3591	0.0012	I	R_C	MZ,RL400;91
TV Cet	53301.4041	0.0012	I	C	MZ,RL300;963
SS Com	53451.4652	0.0003	II	R_C	MZ,RL400;37
DG Com	53410.6121	0.0036	I	R_C	MZ,RL400;13
EK Com	53484.3432	0.0002	II	$V R_C$	MZ,RL400;79
LL Com	53451.4807	0.0023	I	R_C	MZ,RL400;37
LO Com	53410.6087	0.0005	I	R_C	MZ,RL400;12
TU CrB	53517.4374	0.0002	I	$V(RI)_C$	MZ,RL400;246
TW CrB	53388.7121	0.0001	I	$V R_C$	MZ,RL200;112
CG Cyg	53255.3664	0.0001	I	R_C	MZ,RL200;116
GV Cyg	53246.5307	0.0002	I	R_C	MZ,RL400;43
V 388 Cyg	53226.4211	0.0035	I	$(RI)_C$	MZ,RF80;131
V 388 Cyg	53290.4231	0.0025	II	$V R_C$	MZ,RF80;77
V 401 Cyg	53256.4735	0.0013	II	R_C	MZ,RL400;35
V 442 Cyg	53227.4168	0.0023	I	$V(RI)_C$	MZ,RF80;147
V 442 Cyg	53233.3828	0.0017	II	$V(RI)_C$	MZ,RF80;130
V 442 Cyg	53246.5050	0.0007	I	$V(RI)_C$	MZ,RF80;184
V 442 Cyg	53252.4709	0.0012	II	$V(RI)_C$	MZ,RF80;179
V 456 Cyg	53609.4294	0.0001	I	R_C	MZ,RL200;174
V 500 Cyg	53613.5285	0.0003	I	R_C	MZ,RL400;28
V 509 Cyg *	53613.5407	0.0012	I	R_C	MZ,RL400;28
V 635 Cyg	53246.5214	0.0002	I	R_C	MZ,RL400;43
V 700 Cyg	53290.3923	0.0002	II	R_C	MZ,RL400;17
V 706 Cyg	53256.4150	0.0003	I	R_C	MZ,RL400;36
V 711 Cyg *	53259.3820	0.0003	I	R_C	MZ,RL400;20
V 711 Cyg *	53674.3937	0.0007	I	R_C	MZ,RL400;23
V 787 Cyg	53609.5153	0.0001	I	R_C	MZ,RL200;162
V 822 Cyg	53256.4180	0.0016	I	R_C	MZ,RL400;33
V 859 Cyg	53255.4252	0.0009	I	R_C	MZ,RL400;31
V 870 Cyg	53256.3889	0.0016	I	R_C	MZ,RL400;25
V 877 Cyg	53290.2972	0.0036	I	R_C	MZ,RL400;28
V 959 Cyg	53229.4398	0.0004	I	$V(RI)_C$	MZ,RL400;140
V1004 Cyg	53290.3672	0.0003	I	R_C	MZ,RL400;30
V1019 Cyg	53290.4086	0.0027	I	R_C	MZ,RL400;24
V1147 Cyg	53229.4395	0.0013	I	R_C	MZ,RL400;47
V1414 Cyg	53246.5197	0.0011	I	R_C	MZ,RL400;43
CzeV052 Cyg *	53256.4021	0.0034		R_C	MZ,RL400;26
CzeV053 Cyg *	53256.3472	0.0009		R_C	MZ,RL400;21
CzeV053 Cyg *	53290.3164	0.0047		R_C	MZ,RL400;25
26850099 Cyg *	53226.4262	0.0021	I	$V(RI)_C$	MZ,RF80;95
26850099 Cyg *	53228.5036	0.0009	I	$V(RI)_C$	MZ,RF80;144
26850099 Cyg *	53252.3847	0.0016	I	$V(RI)_C$	MZ,RF80;90
26850099 Cyg *	53255.5031	0.0053	I	$V(RI)_C$	MZ,RF80;74
26851186 Cyg *	53222.4458	0.0026	I	$(RI)_C$	MZ,RF80;88
26851186 Cyg *	53226.4941	0.0025	I	$(RI)_C$	MZ,RF80;184
26851186 Cyg *	53227.4275	0.0029	I	$(RI)_C$	MZ,RF80;116
26851186 Cyg *	53228.3636	0.0065	I	I_C	MZ,RF80;32
26851186 Cyg *	53246.4245	0.0025	I	$(RI)_C$	MZ,RF80;76
26851453 Cyg *	53226.4666	0.0055	I	I_C	MZ,RF80;45

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
26851453 Cyg *	53227.3890	0.0023	I	(RI) _C	MZ,RF80;90
26851453 Cyg *	53228.4977	0.0023	I	(RI) _C	MZ,RF80;84
26851453 Cyg *	53233.4792	0.0027	I	(RI) _C	MZ,RF80;69
HD226957 Cyg	53233.5167	0.0003	II	V(RI) _C	MZ,RL400;331
YY Del	53612.3375	0.0002	I	R _C	MZ,RL400;27
FZ Del	53268.3394	0.0005	I	R _C	MZ,RL400;119
TW Dra	53254.3796	0.0003	II	V(RI) _C	MZ,RL400;1196
TW Dra	53387.7016	0.0002	I	BV(RI) _C	MZ,RL200;1091
TW Dra	53407.3492	0.0001	I	BV(RI) _C	MZ,RL200;1365
TW Dra	53463.4867	0.0001	I	BV(RI) _C	MZ,RL200;2725
TW Dra	53581.3738	0.0001	I	(RI) _C	MZ,RL400;537
EF Dra	53410.2776	0.0003	I	V	MZ,RL200;177
WX Eri	53255.6134	0.0003	I	R _C	MZ,RF80 ;64
BL Eri	53299.5321	0.0003	I	C	MZ,RL300;556
TX Gem	53451.3600	0.0002	I	R _C	MZ,RL400;37
AV Gem	53451.2949	0.0009	II	R _C	MZ,RL400;34
EL Gem	53451.3268	0.0003	II	R _C	MZ,RL400;34
FG Gem	53451.2929	0.0005	I	R _C	MZ,RL400;23
FT Gem	53465.3371	0.0008	I	R _C	MZ,RL400;41
HR Gem	53705.4063	0.0003	I	R _C	MZ,RL400;34
KQ Gem	53715.4792	0.0005	I	R _C	MZ,RL400;31
KV Gem	53329.4482	0.0004	II	V(RI) _C	MZ,RL400;91
KV Gem	53329.6271	0.0002	I	V(RI) _C	MZ,RL400;152
KV Gem	53451.3464	0.0002	II	R _C	MZ,RL400;37
KV Gem	53465.3281	0.0001	II	R _C	MZ,RL400;41
KV Gem	53715.3974	0.0004	I	R _C	MZ,RL400;31
KV Gem	53715.5759	0.0004	II	R _C	MZ,RL400;32
AK Her	53465.5586	0.0002	I	VR _C	MZ,RL200;485
V 789 Her *	53252.4305	0.0021	I	V(RI) _C	MZ,RL400;97
WY Hya	53410.4270	0.0003	I	R _C	MZ,RL400;24
TW Lac	53656.5342	0.0002	I	R _C	MZ,RL400;137
TZ Lac	53259.3761	0.0008	I	R _C	MZ,RL400;28
VY Lac	53612.3376	0.0001	I	R _C	MZ,RL200;170
AU Lac	53259.3324	0.0003	I	R _C	MZ,RL400;19
EM Lac	53228.5894	0.0002	I	V(RI) _C	MZ,RL400;116
EM Lac	53259.3313	0.0002	I	R _C	MZ,RL400;19
EM Lac	53259.5272	0.0003	II	R _C	MZ,RL400;30
GH Lac	53259.3400	0.0005	I	R _C	MZ,RL400;26
GH Lac	53653.4770	0.0009	I	R _C	MZ,RL400;22
IP Lac	53246.5407	0.0004	I	R _C	MZ,RL400;35
PP Lac	53259.4099	0.0005	II	R _C	MZ,RL400;23
PP Lac	53259.6108	0.0002	I	R _C	MZ,RL400;23
PP Lac	53674.4109	0.0004	I	R _C	MZ,RL400;25
V 344 Lac	53259.3397	0.0007	II	R _C	MZ,RL400;23
V 344 Lac	53259.5344	0.0004	I	R _C	MZ,RL400;29
V 364 Lac	53656.3650	0.0003	II	R _C	MZ,RL200;765
Y Leo	53445.4401	0.0002	II	R _C	MZ,RL400;21
WZ Leo	53445.4458	0.0004	I	R _C	MZ,RL400;20
AP Leo	53410.5865	0.0007	II	R _C	MZ,RL400;13
AP Leo	53465.4572	0.0001	I	VR _C	MZ,RL200;485
AP Leo	53484.3928	0.0002	I	VR _C	MZ,RL200;278
BL Leo	53445.5331	0.0010	I	VR _C	MZ,RL400;44
BW Leo	53445.4618	0.0025	II	VR _C	MZ,RL400;38
RR Lep	53409.3062	0.0008	I	R _C	MZ,RL400;15
SS Lib	53450.6372	0.0005	I	VR _C	MZ,RL400;108
TY Lib	53442.5582	0.0002	I	VR _C	MZ,RL400;122
VZ Lib	53450.5387	0.0004	I	VR _C	MZ,RL400;72
FL Lyr	53684.2691	0.0001	I	R _C	MZ,RL200;401
V 361 Lyr	53520.3794	0.0001	I	R _C	MZ,RL400;76
V 361 Lyr	53651.3461	0.0003	I	VR _C	MZ,RL400;78

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
UU Mon	53462.3005	0.0006	I	R_C	MZ,RL400;19
BB Mon	53407.4789	0.0022	I	R_C	MZ,RL400;20
BB Mon	53410.4118	0.0008	I	R_C	MZ,RL400;15
BM Mon	53409.3787	0.0024	II	R_C	MZ,RL400;34
BM Mon	53462.2861	0.0010	I	R_C	MZ,RL400;18
GH Mon	53407.2646	0.0014	I	R_C	MZ,RL400;23
HM Mon	53407.3374	0.0003	I	R_C	MZ,RL400;52
NN Mon *	53407.4316	0.0002	I	R_C	MZ,RL400;68
V 396 Mon	53407.4759	0.0011	I	R_C	MZ,RL400;19
V 396 Mon	53409.4576	0.0007	I	R_C	MZ,RL400;24
V 453 Mon	53410.2971	0.0001	I	R_C	MZ,RL400;21
V 501 Mon	53671.6010	0.0009	II	R_C	MZ,RL400;120
48162749 Mon *	53407.3998	0.0034	I	R_C	MZ,RL400;42
CzeV085 Mon *	53409.4463	0.0015	I	R_C	MZ,RL400;31
CzeV087 Mon *	53409.3593	0.0041	I	R_C	MZ,RL400;29
V 913 Oph	53611.4055	0.0002	I	R_C	MZ,RL400;42
V 981 Oph	53611.3850	0.0003	I	R_C	MZ,RL400;45
EF Ori	53445.3406	0.0010	I	R_C	MZ,RL400;71
EQ Ori	53409.3487	0.0001	I	R_C	MZ,RL400;22
GU Ori	53409.3196	0.0004	I	$V(RI)_C$	MZ,RL400;60
GU Ori	53445.3257	0.0002	II	R_C	MZ,RL400;71
GU Ori	53674.5457	0.0005	II	R_C	MZ,RL400;38
QV Ori	53409.4907	0.0027	I	R_C	MZ,RL400;25
V 392 Ori	53450.3752	0.0001	I	R_C	MZ,RL200;420
V 392 Ori	53674.5337	0.0009	I	R_C	MZ,RL400;38
V 392 Ori	53715.4091	0.0001	I	R_C	MZ,RL200;240
V 645 Ori	53674.5770	0.0002	I	R_C	MZ,RL400;39
V1633 Ori	53671.6572	0.0002	I	R_C	MZ,RL400;81
BX Peg	53360.2974	0.0001	I	C	MZ,RL200;332
BX Peg	53613.5150	0.0003	I	R_C	MZ,RL400;28
BY Peg	53609.5597	0.0002	I	R_C	MZ,RL400;63
CE Peg	53613.5381	0.0006	I	R_C	MZ,RL400;28
KW Peg	53360.2722	0.0001	II	C	MZ,RL200;281
XZ Per	53290.5507	0.0000	I	C	MZ,RL200;509
AG Per	53259.4459	0.0017	I	R_C	MZ,RF80;178
II Per *	53611.5057	0.0011	I	R_C	MZ,RL400;20
IU Per	53361.5223	0.0003	I	$BV(RI)_C$	MZ,RL200;283
PS Per	53656.4422	0.0003	I	R_C	MZ,RL400;37
V 680 Per	53290.6198	0.0003	I	VR_C	MZ,RL400;85
V 680 Per	53713.3030	0.0004	I	$(RI)_C$	MZ,RL400;102
37081325 Per	53381.2520	0.0012	I	$V(RI)_C$	MZ,RL200;171
Y Psc	53656.3281	0.0002	I	R_C	MZ,RL400;131
Y Psc	53671.3900	0.0001	I	R_C	MZ,RL400;169
RV Psc	53611.4077	0.0002	II	R_C	MZ,RL200;192
RV Psc	53651.5738	0.0002	I	R_C	MZ,RL200;230
RV Psc	53684.2606	0.0002	I	R_C	MZ,RL400;63
RV Psc	53705.3121	0.0001	I	R_C	MZ,RL400;81
DL Sge	53612.3465	0.0003	I	R_C	MZ,RL400;27
XY Sct	53251.4037	0.0016	I	$(RI)_C$	MZ,RL400;82
XY Sct	53255.3304	0.0002	I	$V(RI)_C$	MZ,RL400;139
FG Sct	53224.4151	0.0016	II	$V(RI)_C$	MZ,RL400;115
FG Sct	53228.3381	0.0001	I	$V(RI)_C$	MZ,RL400;90
FG Sct	53228.4735	0.0002	II	$V(RI)_C$	MZ,RL400;93
LX Ser	53465.6313	0.0003	I	R_C	MZ,RL400;28
AL Tau	53705.4514	0.0005	I	R_C	MZ,RL400;38
GR Tau	53611.5859	0.0005	I	R_C	MZ,RL400;28
HD285166 Tau	53388.3758	0.0019	I	VR_C	MZ,RL200;129
V Tri	53684.2617	0.0002	I	R_C	MZ,RL400;62
X Tri	53290.5883	0.0001	I	R_C	MZ,RF80;150
RW Tri	53671.6945	0.0002	I	R_C	MZ,RL200;32

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
RW Tri	53705.3169	0.0001	I	R_C	MZ,RL200;55
ST Tri	53713.2041	0.0005	I	$(RI)_C$	MZ,RL400;61
UX UMa	53290.6236	0.0001	I	C	MZ,RL200;55
XZ UMa	53387.3717	0.0001	I	$V(RI)_C$	MZ,RL200;200
HW Vir	53410.7014	0.0000	I	R_C	MZ,RL400;52
BT Vul	53613.4524	0.0002	I	R_C	MZ,RL400;24
BU Vul	53612.3247	0.0002	I	R_C	MZ,RL400;28
IM Vul *	53612.3355	0.0003	I	R_C	MZ,RL400;25
HD350731 Vul	53612.4138	0.0001	I	R_C	MZ,RL200;250
HD350731 Vul	53653.2919	0.0001	I	R_C	MZ,RL200;242

Remarks:
The timings of minima presented in this sixth list were obtained from 25781 CCD observations. The last column "Remarks" contains initial of observer, used telescope, and number of measurements used for determination of timings of minima. CzeV = variability of the star was discovered by Czech astronomers, http://var.astro.cz
GK Aqr — primary minimum could be a secondary one
FY Boo — new ephemeris $53032.98623(14) + 0.24115879(11) \times E$
GSC 08161907 Cnc — $51397.2637(3) + 0.3216105(15) \times E$
TU CMi — new ephemeris $52900.5133(5) + 0.4334439(5) \times E$
GSC 770 523 = CzeV90 — type of minimum uncertain
CzeV62 CMi — new ephemeris $52611.6147(2) + 0.30755495(7) \times E$
V851 Cas — new period $P = 0.960276(1)$ day
V509 Cyg — $52868.4906(19) + 1.6091738(18) \times E$
V711 Cyg — $52133.400(3) + 0.826717(2) \times E$
CzeV052 Cyg — only 1 minimum
CzeV053 Cyg — new ephemeris $52255.2469(7) + 0.4020485(4) \times E$, type of minimum uncertain
GSC 26850099 Cyg = CzeV48 — EA, new ephemeris $53228.505(2) + 1.03832(7) \times E$
GSC 26851186 = CzeV13 — EW, new ephemeris $52997.3074(3) + 0.6227889(10) \times E$
GSC 26851453 Cyg = CzeV47 — EW, primary minimum could be a secondary one, new ephemeris $53238.6459(8) + 0.369190(18) \times E$
V789 Her — new ephemeris $52296.4653(2) + 0.32004194(13) \times E$
NN Mon — new period $0.9123629(7)$ day
GSC 48162749 Mon — type of minimum uncertain
CzeV085 Mon — EA:, only 1 minimum
CzeV087 Mon — EW, new ephemeris $51397.2197(6) + 0.4019464(3) \times E$
II Per — new ephemeris $52438.0281(2) + 0.4798508(2) \times E$
IM Vul — new ephemeris $53277.07615(11) + 0.45427781(14) \times E$

Acknowledgements:
This investigation was supported by the Czech Science Foundation, grants No. 205/04/2063 and No. 205/06/0217.
This research has made use of the SIMBAD database, operated at CDS, Strasbourg, France, and of NASA's Astrophysics Data System Bibliographic Services.
We are grateful to Prof. O. Demircan and V. Bakiş for their assistance with observations in Çanakkale.

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