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**BAV-RESULTS OF OBSERVATIONS - PHOTOELECTRIC MINIMA OF
SELECTED ECLIPSING BINARIES AND MAXIMA OF PULSATING STARS**

(BAV MITTEILUNGEN NO. 193)

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In this 60th compilation of BAV results, photoelectric observations obtained in the years 2007 are presented on 292 variable stars giving 399 minima on eclipsing binaries and maxima on pulsating stars. All moments of minima and maxima are heliocentric. The errors are tabulated in column ‘±’. The values in column ‘ $O - C$ ’ are determined without incorporation of 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 lightcurves with evaluations can be obtained from the office of the BAV for inspection.

Table 1: Minima of Eclipsing binaries

Variable	Min HJD 24. . .	±	Obs	$O - C$		Bibliography	Fil	n	Rem
RT And	54304.4365	.0032	AG	-0.0038	s	GCVS 85	-Ir	23	1)
TW And	54338.5491	.0040	FR	+2.0333		GCVS 85	-Ir	15	7)
XZ And	54429.2461	.0002	JU	+0.1654		GCVS 85		93	2)
AD And	54360.4324	.0006	AG	-0.0464		GCVS 85	-Ir	37	1)
AP And	54360.5174	.0008	AG				-Ir	38	1)
BD And	54390.4269	.0016	AG	+0.0174		GCVS 85	-Ir	39	1)
BL And	54382.5480	.0021	AG	+0.0139	s	GCVS 85	-Ir	56	1)
	54390.4839	.0029	AG	+0.0037	s	GCVS 85	-Ir	37	1)
CU And	54390.6056	.0016	AG				-Ir	37	1)
EX And	54360.4979	.0027	AG				-Ir	37	1)
GK And	54360.3951	.0012	AG	-0.2879		GCVS 85	-Ir	39	1)
	54366.4259	.0005	AG	-0.2852		GCVS 85	-Ir	45	1)
GZ And	54433.3182	.0010	JU	-0.0069		GCVS 85		87	2)
LO And	54360.4212	.0018	AG	+0.0486		GCVS 85	-Ir	38	1)
	54360.6123	.0016	AG	+0.0492	s	GCVS 85	-Ir	38	1)
V404 And	54380.3651	.0008	JU					86	2)
	54381.3781	.0011	JU					143	2)
V412 And	54360.3313	.0022	AG				-Ir	39	1)
	54423.3193	.0005	JU					100	2)
V425 And	54360.5331	.0005	AG				-Ir	21	1)
	54390.3693	.0018	AG				-Ir	36	1)
CD Aqr	54383.3949	.0027	FR	+0.0591		GCVS 85	V	35	5)
CX Aqr	54410.2498	.0005	DIE	+0.0085		GCVS 85	o	23	8)
FK Aql	54327.4958	.0013	AG	-0.0494		GCVS 85	-Ir	27	1)

Table 1: (cont.)

Variable	Min HJD 24. . .	\pm	Obs	$O - C$	Bibliography	Fil	n	Rem
QY Aql	54312.4466	.0016	AG	-0.1623	GCVS 85	-Ir	34	1)
V346 Aql	54380.4465	.0008	WN	-0.0103	GCVS 85	V	72	10)
	54389.2972	.0005	WN	-0.0106	GCVS 85	V	101	10)
V416 Aql	54327.4767	.0004	AG			-Ir	27	1)
V417 Aql	54326.5044	.0001	AG	-0.0504	BAVR 33,152ff	-Ir	36	1)
	54327.4272	.0005	AG	-0.0534	s BAVR 33,152ff	-Ir	27	1)
V609 Aql	54389.3821	.0022	AG	-0.0341	s GCVS 85	-Ir	25	1)
V724 Aql	54297.4885	.0009	AG	-0.0275	IBVS 3555	-Ir	44	1)
V761 Aql	54314.4620	.0007	AG	+0.0961	GCVS 85	-Ir	28	1)
	54375.4147	.0002	AG	+0.0962	GCVS 85	-Ir	26	1)
	54389.3152	.0019	AG	+0.0953	GCVS 85	-Ir	25	1)
V803 Aql	54325.4462	.0006	AG			-Ir	50	1)
V804 Aql	54325.4229	.0011	AG			-Ir	53	1)
V829 Aql	54297.5404	.0012	AG			-Ir	44	1)
V970 Aql	54327.4718	.0013	AG			-Ir	27	1)
V1045 Aql	54312.5144	.0006	AG			-Ir	35	1)
	54389.2953	.0035	AG			-Ir	25	1)
V1075 Aql	54312.4118	.0006	AG			-Ir	35	1)
	54375.4020	.0031	AG			-Ir	26	1)
	54382.4545	.0025	AG			-Ir	24	1)
V1096 Aql	54377.3405	.0005	AG	-0.2733	GCVS 85	-Ir	20	1)
	54382.3398	.0028	AG	-0.2752	s GCVS 85	-Ir	24	1)
V1097 Aql	54314.4436	.0017	AG			-Ir	28	1)
	54382.4512	.0030	AG			-Ir	24	1)
V1243 Aql	54296.3491	.0017	AG			-Ir	33	1)
V1299 Aql	54389.4095	.0034	AG			-Ir	47	1)
V1430 Aql	54389.3923	.0005	QU	-0.0091	AJ 119,2391	V	68	3)
V1538 Aql	54326.3882	.0008	AG	-0.0763	BAVM 140	-Ir	32	1)
	54327.4707	.0034	AG	-0.0656	BAVM 140	-Ir	27	1)
V1542 Aql	54314.4436	.0005	QU	+0.0083	s IBVS 5161	V	85	3)
SS Ari	54389.3208	.0004	DIE	-0.0450	s GCVS 85	o	22	8)
BC Aur	54406.355 :	.002	FR	-0.662	GCVS 85	V	122	5)
	54455.320 :	.004	FR	-0.656	s GCVS 85	V	33	5)
FR Aur	54164.3736	.0040	FR	-0.5263	GCVS 85	-Ir	25	7)
V432 Aur	54389.670 :	.001	FR	+1.538	IBVS 5319	-Ir	74	7)
AC Boo	54313.4732	.0003	QU	-0.0498	s GCVS 85	Ic	59	3)
AM CMi	54491.3984	.0010	QU	+0.1839	GCVS 85	V	64	3)
AX Cas	54367.4688	.0005	AG	-0.0942	GCVS 85	-Ir	61	1)
	54388.4835	.0010	AG	-0.0927	GCVS 85	-Ir	45	1)
	54390.2831	.0012	JU	-0.0942	GCVS 85		80	2)
BN Cas	54308.5023	.0004	AG			-Ir	25	1)
BS Cas	54308.3991	.0010	AG	-0.0153	IBVS 4778	-Ir	21	1)
	54319.4105	.0011	AG	-0.0157	IBVS 4778	-Ir	20	1)
BU Cas	54367.3529	.0016	AG	-0.0218	GCVS 85	-Ir	61	1)
EN Cas	54374.4475	.0032	AG	+0.2854	GCVS 85	-Ir	26	1)
GU Cas	54374.4400	.0025	AG	-0.3306	GCVS 85	-Ir	25	1)
IR Cas	54382.5845	.0013	AG	+0.0087	s GCVS 85	-Ir	55	1)
IT Cas	54363.4056	.0005	QU	+0.0599	GCVS 85	V	76	3)
MV Cas	54374.4157	.0001	AG			-Ir	22	1)
NN Cas	54374.4781	.0006	AG			-Ir	22	1)
OR Cas	54388.4555	.0010	AG	-0.0201	s GCVS 85	-Ir	40	1)
OX Cas	54357.4099	.0007	QU	+0.0253	s GCVS 85	V	86	3)
	54367.3670	.0010	QU	+0.0250	s GCVS 85	V	68	3)
	54388.4781	.0017	JU	+0.0066	GCVS 85		84	2)
	54388.4815	.0010	AG	+0.0100	GCVS 85	-Ir	40	1)
PV Cas	54327.4053	.0004	QU	-0.0338	GCVS 85	V	56	3)
	54356.3195	.0013	JU	+0.0326	s GCVS 85	o	60	2)
	54453.4343	.0005	QU	-0.0387	GCVS 85	V	66	3)
	54454.3466	.0005	QU	+0.0334	s GCVS 85	V	85	3)
V336 Cas	54374.4041	.0008	AG			-Ir	24	1)

Table 1: (cont.)

Variable	Min HJD 24. . .	\pm	Obs	$O - C$	Bibliography	Fil	n	Rem
V345 Cas	54382.3855	.0007	AG			-Ir	56	1)
V360 Cas	54374.3776	.0003	AG			-Ir	25	1)
V366 Cas	54388.4234	.0014	AG	-0.0651	s IBVS 4798	-Ir	24	1)
V374 Cas	54374.5153	.0043	AG			-Ir	27	1)
V375 Cas	54378.3655	.0047	JU	+0.1988	BAVR 32,36ff		21	2)
	54462.3479	.0025	QU	+0.1986	BAVR 32,36ff	V	80	3)
V381 Cas	54317.4657	.0007	QU	+0.0144	s BAVR 32,36ff	V	91	3)
	54366.3507	.0012	AG	+0.0130	s BAVR 32,36ff	-Ir	47	1)
	54455.3928	.0007	QU	+0.0120	s BAVR 32,36ff	V	95	3)
V387 Cas	54319.4450	.0012	AG	+0.0757	GCVS 85	-Ir	20	1)
	54388.6029	.0007	AG	+0.0806	GCVS 85	-Ir	45	1)
V396 Cas	54366.3791	.0022	AG			-Ir	33	1)
V427 Cas	54366.5402	.0016	AG			-Ir	34	1)
V459 Cas	54367.2818	.0009	AG	-0.0127	IBVS 4737	-Ir	77	1)
	54388.3609	.0006	AG	-0.0793	s IBVS 4737	-Ir	46	1)
V471 Cas	54388.4234	.0015	SCI	-0.0134	s GCVS 85	o	29	2)
	54388.6253	.0014	SCI	+0.0205	GCVS 85	o	25	2)
V523 Cas	54366.2982	.0026	AG	-0.0409	GCVS 85	-Ir	47	1)
	54366.4144	.0007	AG	-0.0416	s GCVS 85	-Ir	47	1)
	54366.5319	.0009	AG	-0.0409	GCVS 85	-Ir	47	1)
V860 Cas	54366.4445	.0002	AG			-Ir	47	1)
SU Cep	54382.4856	.0004	FR	+0.0100	GCVS 85	-Ir	31	7)
WY Cep	54385.3619	.0010	AG	+0.0225	s GCVS 85	-Ir	55	1)
XX Cep	54364.3851	.0017	JU	-0.0230	GCVS 85		75	2)
XY Cep	54298.4091	.0007	AG	-0.0406	GCVS 85	-Ir	74	1)
ZZ Cep	54360.3942	.0007	JU	-0.0106	GCVS 85	o	32	2)
AI Cep	54382.4797	.0012	FR	+0.1666	GCVS 85	-Ir	31	7)
BE Cep	54366.4791	.0008	AG			-Ir	34	1)
BU Cep	54385.3590	.0027	AG			-Ir	57	1)
CW Cep	54387.3616	.0016	FR	-0.0064	GCVS 85	-Ir	60	7)
	54432.3890	.0012	JU	-0.0098	s GCVS 85		70	2)
DW Cep	54384.3026	.0010	AG	+0.4339	GCVS 85	-Ir	46	1)
EF Cep	54375.3628	.0011	AG	-0.1519	GCVS 85	-Ir	110	1)
GS Cep	54366.3923	.0017	AG	+0.0647	GCVS 85	-Ir	33	1)
IM Cep	54338.4893	.0012	AG			-Ir	38	1)
NW Cep	54357.3526	.0015	AG	-0.4231	GCVS 85	-Ir	39	1)
Y Cyg	54314.4350	.0031	WTR	-0.0789	GCVS 85	-Ir	85	9)
	54314.4370	.0003	FR	-0.0769	GCVS 85	-Ir	40	7)
	54410.320	.007	JU	-0.077	GCVS 85		48	2)
SY Cyg	54365.3278	.0006	AG			-Ir	58	1)
AE Cyg	54359.5073	.0004	AG	-0.0052	GCVS 85	-Ir	37	1)
	54363.3841	.0008	JU	-0.0052	GCVS 85		61	2)
BO Cyg	54367.3920	.0038	SCI	+0.0847	GCVS 85	o	86	2)
	54367.3984	.0002	WTR	+0.0911	GCVS 85	-Ir	142	9)
	54388.4737	.0007	QU	+0.0917	GCVS 85	V	86	3)
	54388.4742	.0008	FR	+0.0922	GCVS 85	-Ir	22	7)
CG Cyg	54338.4117	.0012	AG	+0.0589	GCVS 85	-Ir	36	1)
	54388.2699	.0006	DIE	+0.0570	GCVS 85	o	22	8)
DK Cyg	54360.3930	.0015	AG	+0.0498	BAVR 35,1ff	-Ir	35	1)
DO Cyg	54364.3655	.0003	AG			-Ir	65	1)
EN Cyg	54326.5230	.0011	AG			-Ir	21	1)
GG Cyg	54365.3636	.0012	AG	+0.1246	GCVS 85	-Ir	30	1)
	54367.3791	.0036	FR	+0.1318	GCVS 85	-Ir	12	7)
GV Cyg	54312.4833	.0006	AG			-Ir	25	1)
KR Cyg	54313.4927	.0036	FR	+0.0077	s GCVS 85	-Ir	22	7)
	54338.4286	.0004	QU	+0.0116	GCVS 85	V	70	3)
KV Cyg	54366.4142	.0030	SCI	+0.0513	GCVS 85	o	126	2)
LO Cyg	54356.3690	.0027	SCI			o	42	2)
	54360.4501	.0038	SCI			o	72	2)
	54366.4243	.0013	JU				117	2)

Table 1: (cont.)

Variable	Min HJD 24. . .	\pm	Obs	$O - C$	Bibliography	Fil	n	Rem
LO Cyg	54367.3725	.0015	JU				85	2)
	54378.3580	.0021	SCI			o	36	2)
	54382.4737	.0047	SCI			o	85	2)
MR Cyg	54337.5270	.0013	AG	+0.0013	GCVS 85	-Ir	28	1)
NU Cyg	54380.3713	.0021	SCI			o	33	2)
V385 Cyg	54338.4560	.0011	AG	-0.1287	GCVS 85	-Ir	35	1)
V387 Cyg	54360.4336	.0017	AG	+0.0173	s GCVS 85	-Ir	37	1)
V388 Cyg	54316.5253	.0031	SCI	-0.1368	BAVR 32,36ff	o	175	2)
V398 Cyg	54307.4549	.0028	SCI			o	18	2)
V445 Cyg	54317.4805	.0013	SCI			o	29	2)
V447 Cyg	54365.4161	.0014	AG			-Ir	29	1)
V466 Cyg	54298.5030	.0002	AG	+0.0051	GCVS 85	-Ir	29	1)
V488 Cyg	54313.4696	.0037	FR	+0.0698	s GCVS 85	-Ir	27	7)
V493 Cyg	54240.5680	.0030	SCI	+0.1205	GCVS 85	o	55	2)
V496 Cyg	54339.3447	.0013	AG			-Ir	32	1)
V526 Cyg	54357.5429	.0013	AG	+0.0423	GCVS 85	-Ir	56	1)
V620 Cyg	54360.5110	.0010	AG			-Ir	38	1)
V628 Cyg	54357.4216	.0008	AG	-0.0033	IBVS 4381	-Ir	29	1)
V642 Cyg	54389.3947	.0030	SCI	+0.3097	GCVS 85	o	52	2)
V680 Cyg	54364.4335	.0007	AG	+0.0209	BAVR 32,36ff	-Ir	64	1)
V711 Cyg	54337.4126	.0048	AG			-Ir	28	1)
V725 Cyg	53991.5511	.0064	FR	+0.2672	s GCVS 85	-Ir	40	7)
	54365.3803	.0004	AG	+0.2386	GCVS 85	-Ir	29	1)
V743 Cyg	54296.4533	.0005	AG			-Ir	36	1)
	54298.4947	.0014	AG			-Ir	28	1)
V873 Cyg	54360.3840	.0008	FR			V	36	5)
V909 Cyg	54339.5051	.0016	AG	-0.0163	s BAVR 47,2f	-Ir	23	1)
V959 Cyg	54366.4486	.0008	FR	-0.0455	GCVS 85	-Ir	21	7)
V961 Cyg	54298.5115	.0008	AG	-0.0887	s GCVS 85	-Ir	28	1)
V962 Cyg	54326.3665	.0007	AG			-Ir	18	1)
V965 Cyg	54366.5301	.0104	FR			V	40	5)
V975 Cyg	54339.5311	.0004	AG			-Ir	22	1)
V979 Cyg	54327.4578	.0003	FR	+0.0297	GCVS 85	o	52	7)
	54365.3892	.0006	FR	+0.0298	s GCVS 85	V	93	5)
	54365.5703	.0014	FR	+0.0240	GCVS 85	V	93	5)
	54367.4442	.0004	FR	+0.0294	GCVS 85	V	53	5)
V995 Cyg	54365.4626	.0044	SCI			o	124	2)
V1004 Cyg	54339.4707	.0032	AG	-0.1547	GCVS 85	-Ir	19	1)
V1013 Cyg	54298.5203	.0035	AG			-Ir	29	1)
V1018 Cyg	54339.4272	.0015	AG	-0.0844	GCVS 85	-Ir	23	1)
	54365.4057	.0021	AG	-0.0847	GCVS 85	-Ir	31	1)
V1136 Cyg	54365.5417	.0052	AG	+0.4102	s GCVS 85	-Ir	28	1)
V1147 Cyg	54327.5350	.0004	FR			o	49	5)
	54367.3615	.0015	FR			V	53	5)
V1171 Cyg	54298.4576	.0008	AG	-0.0490	GCVS 85	-Ir	28	1)
	54339.3941	.0023	AG	-0.0520	GCVS 85	-Ir	22	1)
V1411 Cyg	54312.5167	.0013	AG	-0.1749	s GCVS 85	-Ir	25	1)
	54337.3742	.0009	AG	-0.1730	s GCVS 85	-Ir	31	1)
V1414 Cyg	54312.4600	.0009	AG			-Ir	25	1)
V1508 Cyg	54367.4218	.0068	FR	+0.1776	s GCVS 85	-Ir	21	7)
V1723 Cyg	54360.5432	.0001	AG			-Ir	38	1)
V1815 Cyg	54405.3557	.0003	WTR	+0.0034	s BAVR 55,1ff	-Ir	124	9)
V1918 Cyg	54343.4492	.0004	QU			V	60	3)
V2181 Cyg	54296.4650	.0007	AG	+0.0097	BAVR 50,45f	-Ir	36	1)
	54312.5221	.0007	FR	+0.0093	BAVR 50,45f	-Ir	35	7)
RR Del	54308.4971	.0564	AG	+0.3272	GCVS 85	-Ir	17	1)
TY Del	54357.3902	.0001	WTR	+0.0520	GCVS 85	-Ir	113	9)
YY Del	54313.4304	.0005	AG	+0.0105	GCVS 85	-Ir	22	1)
	54375.2910	.0004	AG	+0.0099	GCVS 85	-Ir	27	1)
AL Del	54327.3837	.0018	AG			-Ir	46	1)

Table 1: (cont.)

Variable	Min HJD 24...	\pm	Obs	$O - C$	Bibliography	Fil	n	Rem
AL Del	54385.3184	.0023	AG			-Ir	25	1)
AV Del	54313.4899	.0003	AG	+0.0684	GCVS 85	-Ir	25	1)
BG Del	54381.4017	.0008	AG			-Ir	34	1)
BH Del	54313.3929	.0015	AG			-Ir	24	1)
BO Del	54327.4551	.0023	AG			-Ir	40	1)
BS Del	54385.3014	.0030	AG			-Ir	23	1)
BW Del	54308.5096	.0001	AG			-Ir	18	1)
	54325.4742	.0006	AG			-Ir	28	1)
BY Del	53991.3364	.0013	AG			-Ir	42	1)
	54327.5372	.0024	AG			-Ir	55	1)
CR Del	54313.4321	.0033	AG			-Ir	22	1)
DM Del	54327.3988	.0013	AG	-0.1061	GCVS 85	-Ir	40	1)
TZ Dra	54318.4417	.0004	QU	-0.0231	GCVS 85	V	66	3)
BE Dra	54389.4211	.0007	AG	+0.1309	GCVS 85	-Ir	116	1)
BF Dra	54389.5933	.0012	AG	+0.0435	GCVS 85	-Ir	116	1)
BO Gem	54433.4070	.0008	FR			V	34	5)
CW Gem	54454.3417	.0034	FR	+0.0190	s BAVM 69	V	48	5)
IM Gem	54454.5509	.0016	FR			V	78	5)
ES Her	54368.3449	.0006	AG			-Ir	34	1)
LV Her	54297.4498	.0008	AG	-0.0146	GCVS 85	-Ir	34	1)
PW Her	54391.4184	.0050	AG	-0.2543	BAVM 68	-Ir	62	1)
V342 Her	54317.3829	.0003	WTR	+0.0147	GCVS 85	-Ir	76	9)
V381 Her	54297.4702	.0025	AG			-Ir	34	1)
V387 Her	54297.5300	.0006	AG	+0.0779	s GCVS 85	-Ir	34	1)
V1052 Her	54297.5439	.0008	AG			-Ir	34	1)
V1073 Her	54368.2663	.0003	AG			-Ir	34	1)
AW Lac	54357.3499	.0036	AG	+0.0345	s BAVR 35,1ff	-Ir	38	1)
CG Lac	54390.4151	.0039	AG			-Ir	37	1)
CN Lac	54312.4526	.0012	AG	-0.0314	GCVS 85	-Ir	25	1)
CO Lac	54348.4255	.0011	JU	-0.0091	GCVS 85	o	77	2)
	54389.3097	.0011	JU	+0.0066	s GCVS 85		71	2)
CY Lac	54357.5236	.0018	AG			-Ir	39	1)
EK Lac	54337.4481	.0025	AG	-0.0050	GCVS 85	-Ir	32	1)
EM Lac	54357.4775	.0005	AG	+0.0672	s GCVS 85	-Ir	38	1)
EO Lac	54384.1767	.0100	AG			-Ir	51	1)
EP Lac	54368.3881	.0012	AG	-0.3681	GCVS 85	-Ir	46	1)
ES Lac	54359.4243	.0032	AG			-Ir	46	1)
	54368.3363	.0017	AG			-Ir	33	1)
EY Lac	54000.5040	.0200	AG			-Ir	31	1)
	54384.3213	.0020	AG			-Ir	21	1)
FI Lac	54384.3232	.0024	AG			-Ir	19	1)
FL Lac	54390.3114	.0017	AG	-0.0615	GCVS 85	-Ir	39	1)
GX Lac	54366.4544	.0013	AG			-Ir	34	1)
IP Lac	54364.3813	.0008	AG			-Ir	65	1)
	54381.4290	.0105	AG			-Ir	27	1)
KS Lac	54384.4327	.0017	AG			-Ir	20	1)
MZ Lac	53150.4765	.0020	AG	-0.3368	s GCVS 85	o	17	1)
	54363.4283	.0017	AG	-0.3623	s GCVS 85	-Ir	17	1)
NW Lac	54357.3723	.0011	AG			-Ir	38	1)
	54363.4165	.0009	AG			-Ir	16	1)
PP Lac	54359.3951	.0009	AG	-0.0504	s GCVS 85	-Ir	45	1)
	54359.5939	.0005	AG	-0.0522	GCVS 85	-Ir	45	1)
V339 Lac	54363.4373	.0014	AG			-Ir	16	1)
V345 Lac	54359.4912	.0026	AG	+0.0841	GCVS 85	-Ir	45	1)
TT Lyr	54357.4341	.0007	JU	+0.0138	GCVS 85	o	54	2)
UZ Lyr	54343.4567	.0008	JU	-0.0239	GCVS 85	o	70	2)
BV Lyr	54306.4358	.0010	JU			o	60	2)
FT Ori	54494.3957	.0007	QU	-0.1188	s GCVS 85	V	95	3)
U Peg	54359.3910	.0016	ALH	-0.0122	BAVR 45,3	o	556	4)
ZZ Peg	54387.4392	.0022	FR	+0.1448	s GCVS 87	V	46	5)

Table 1: (cont.)

Variable	Min HJD 24. . .	\pm	Obs	$O - C$	Bibliography	Fil	n	Rem
AT Peg	54356.4011	.0007	ALH	+0.0238	GCVS 87	o	384	4)
BB Peg	54360.3206	.0004	DIE	-0.0008	GCVS 87	o	22	8)
BY Peg	54382.3404	.0012	FR			V	41	5)
	54382.5125	.0017	FR			V	41	5)
	54440.3001	.0004	FR			V	40	5)
CC Peg	54388.4508	.0039	FR	-0.0147	s IBVS 5017	V	42	5)
	54440.2398	.0015	FR	-0.0048	IBVS 5017	V	63	5)
CU Peg	54367.5832	.0012	AG			-Ir	35	1)
DP Peg	54367.3956	.0016	AG			-Ir	33	1)
GH Peg	54381.4274	.0007	QU	+0.0054	GCVS 87	V	86	3)
RT Per	54452.2871	.0003	JU	+0.0587	GCVS 87		80	2)
AG Per	54450.3227	.0016	JU	+0.1276	GCVS 87		87	2)
IU Per	54453.3739	.0006	JU	+0.0099	GCVS 87		99	2)
KN Per	54462.388	.008	WTR	+0.009	s BAVR 52,93ff	-Ir	121	9)
LS Per	54390.4651	.0004	AG			-Ir	49	1)
V366 Per	54390.4871	.0047	AG			-Ir	50	1)
V449 Per	54390.4826	.0022	AG	+0.0462	GCVS 87	-Ir	48	1)
V Sge	54388.3306	.0006	AG	-0.0456	GCVS 87	-Ir	30	1)
SY Sge	54325.5419	.0035	AG	+0.1527	GCVS 87	-Ir	28	1)
UZ Sge	54314.4972	.0008	AG			-Ir	28	1)
	54365.4585	.0002	AG			-Ir	45	1)
	54375.4165	.0018	AG			-Ir	28	1)
CK Sge	54304.4361	.0015	AG			-Ir	30	1)
CW Sge	54375.3398	.0018	AG	+0.0112	GCVS 87	-Ir	27	1)
DK Sge	54304.3875	.0016	AG			-Ir	30	1)
	54388.3316	.0011	AG			-Ir	30	1)
DL Sge	54314.4553	.0009	JU			o	76	2)
FL Sge	54389.3930	.0024	AG			-Ir	25	1)
GN Sge	54365.3538	.0009	AG	+0.0010	s GCVS 87	-Ir	44	1)
GO Sge	54365.3434	.0031	AG			-Ir	46	1)
	54382.3486	.0015	AG			-Ir	24	1)
DK Sct	54319.4127	.0017	AG	+0.0169	GCVS 87	-Ir	27	1)
EY Sct	54319.5073	.0038	AG			-Ir	26	1)
CD Tau	54432.4747	.0003	SIR	+0.0062	GCVS 87	-Ir	787	6)
CF Tau	54387.6264	.0044	SCI	-0.0030	BAVR 35,1ff	o	99	2)
V Tri	54381.5324	.0009	FR	-0.0025	s GCVS 87	V	57	5)
RV Tri	54390.3176	.0034	AG	-0.0212	s GCVS 87	-Ir	50	1)
RR Vul	54359.3461	.0012	AG	-0.0691	GCVS 87	-Ir	37	1)
	54364.3994	.0002	WTR	-0.0665	GCVS 87	-Ir	151	9)
AT Vul	54374.3595	.0100	AG	-0.0778	GCVS 87	-Ir	32	1)
AW Vul	54388.2726	.0018	AG	+0.3903	GCVS 87	-Ir	31	1)
AX Vul	54388.3254	.0008	AG	-0.0296	GCVS 87	-Ir	31	1)
AY Vul	54325.3609	.0004	AG	-0.0719	GCVS 87	-Ir	28	1)
BG Vul	54367.4997	.0008	AG			-Ir	35	1)
BM Vul	54367.3238	.0021	AG			-Ir	36	1)
	54367.5120	.0026	AG			-Ir	36	1)
BP Vul	54325.3939	.0021	AG	-0.0114	GCVS 87	-Ir	28	1)
	54388.4173	.0009	AG	-0.0493	s GCVS 87	-Ir	31	1)
BS Vul	54318.3781	.0001	WTR	-0.0217	GCVS 87	-Ir	76	9)
BU Vul	54338.3608	.0024	AG	+0.0177	GCVS 87	-Ir	35	1)
	54359.4117	.0011	AG	+0.0159	GCVS 87	-Ir	36	1)
	54387.2948	.0006	DIE	+0.0184	GCVS 87	o	22	8)
CD Vul	54339.3458	.0001	WTR	-0.0004	GCVS 87	-Ir	70	9)
EU Vul	54374.3440	.0005	AG			-Ir	33	1)
FM Vul	54339.4518	.0010	AG	+0.0244	GCVS 87	-Ir	20	1)
FO Vul	54339.4561	.0039	AG			-Ir	19	1)
FR Vul	54339.4133	.0012	AG	-0.0057	GCVS 87	-Ir	17	1)
GI Vul	54339.5355	.0009	AG			-Ir	30	1)
G2038.0293	54271.4084	.0001	FR	+0.0041	BAVM 177	-Ir	49	7)
	54318.4708	.0012	FR	+0.0025	BAVM 177	-Ir	42	7)

Table 1: (cont.)

Variable	Min HJD 24...	\pm	Obs	$O - C$	Bibliography	Fil	n	Rem
G2038.0293	54325.4076	.0005	FR	+0.0036	BAVM 177	-Ir	28	7)
	54326.3998	.0009	FR	+0.0049	BAVM 177	-Ir	21	7)
G2656.4286	53611.4344	.0021	AG	-0.0006	IBVS 5900	-Ir	22	1)
	53612.5615	.0031	AG	+0.0007	IBVS 5900	-Ir	25	1)
	53620.4400	.0015	AG	-0.0015	IBVS 5900	-Ir	30	1)
	53637.3236	.0068	AG	-0.0051	IBVS 5900	-Ir	25	1)
G3089.1247	53992.5225	.0022	AG	-0.0009	s IBVS 5900	-Ir	35	1)
	54252.3742	.0025	FR			-Ir	46	7)
	54252.5172	.0006	FR			-Ir	46	7)
G3679.1920	54337.4197	.0012	FR			-Ir	48	7)
	54319.4570	.0016	AG			-Ir	18	1)
U1125-18642389	54388.3455	.0026	FR			V	41	5)
	54440.3548	.0015	FR			V	31	5)
U1200-13084491	54327.5197	.0012	FR			o	35	5)
	54367.4664	.0020	FR			V	53	5)
U1275-15124020	54312.4256	.0012	AG			-Ir	26	1)
	54357.4836	.0011	AG			-Ir	30	1)
U1275-15134722	54357.3494	.0041	AG			-Ir	30	1)

Table 2: Maxima of Pulsating stars

Variable	Max HJD 24...	\pm	Obs	$O - C$	Bibliography	Fil	n	Rem
GP And	54450.4247	.0010	WN	+0.0059	GCVS 85	V	51	10)
V341 Aql	54380.3507	.0012	WN	+0.0105	BAVR 45,74	V	85	10)
V525 Aql	54357.3730	.0010	MZ			-Ir	77	2)
V921 Aql	54365.3608	.0010	MZ			-Ir	63	2)
RU Boo	54218.4004	.0008	MZ			-Ir	77	2)
YZ Boo	54381.2786	.0008	WN	+0.0020	GCVS 85	V	68	10)
CU Boo	54203.5081	.0004	MZ			-Ir	113	2)
	54316.3729	.0030	MZ			-Ir	79	2)
RZ Cep	54338.523	.003	AG	-0.037	GCVS 85	-Ir	40	1)
	54385.438	.003	AG	-0.042	GCVS 85	-Ir	55	1)
UY Cyg	54338.447	.003	AG	+0.057	GCVS 85	-Ir	36	1)
XX Cyg	54363.3973	.0012	WN	+0.0024	GCVS 85	V	72	10)
	54380.3901	.0013	WN	+0.0022	GCVS 85	V	41	10)
	54387.4041	.0011	WN	+0.0032	GCVS 85	V	135	10)
DM Cyg	54381.3710	.0014	WN	-0.0036	BAVR 51,98ff	V	87	10)
	54389.3471	.0013	WN	-0.0049	BAVR 51,98ff	V	55	10)
V357 Cyg	54359.598	.003	AG			-Ir	36	1)
V791 Cyg	54339.387 :	.002	FR			V	48	7)
	54360.3481	.0020	FR			V	12	5)
V835 Cyg	54359.544	.003	AG			-Ir	37	1)
V1344 Cyg	54360.399 :	.005	FR			V	15	5)
V1962 Cyg	54381.3434	.0005	MZ			-Ir	72	2)
BX Del	54325.564	.010	AG			-Ir	28	1)
CD Del	54327.535	.003	AG			-Ir	40	1)
CG Del	54381.366	.003	AG			-Ir	31	1)
DX Del	54384.3206	.0017	WN	+0.0566	GCVS 85	V	144	10)
EF Del	54385.460	.003	AG			-Ir	23	1)
EG Del	54385.347	.002	AG	+0.028	GCVS 85	-Ir	23	1)
EH Del	54385.372	.003	AG			-Ir	23	1)
VX Her	54380.2641	.0009	WN	+0.0420	GCVS 85	V	53	10)
VZ Her	54348.3575	.0010	WN	+0.0639	GCVS 85	V	133	10)
	54359.3654	.0010	WN	+0.0636	GCVS 85	V	141	10)
	54363.3277	.0009	WN	+0.0630	GCVS 85	V	90	10)
	54366.4094	.0012	WN	+0.0623	GCVS 85	V	97	10)
V633 Her	53895.3857	.0002	MZ			-Ir	72	2)
CZ Lac	54381.4477	.0012	WN	-0.0589	BAVR 53,12f	V	105	10)
	54404.3367	.0024	WN	-0.0758	BAVR 53,12f	V	154	10)

Table 2: (cont.)

Variable	Max HJD 24...	\pm	Obs	$O - C$	Bibliography	Fil	n	Rem
Y Lyr	54299.3904	.0020	MZ			-Ir	72	2)
RZ Lyr	54366.3140	.0015	WN	-0.0066	BAVR 48,189	V	106	10)
	54388.3038	.0015	WN	-0.0002	BAVR 48,189	V	129	10)
AQ Lyr	54324.4286	.0010	MZ			-Ir	84	2)
CN Lyr	54381.3281	.0019	WN	+0.0019	BAVR 43,57	V	62	10)
CX Lyr	54362.4056	.0004	MZ	+0.1511	BAVR 49,41	-Ir	76	2)
DI Lyr	54366.3467	.0008	MZ			-Ir	80	2)
LX Lyr	54379.3806	.0004	MZ	+0.0044	BAVR 49,105	-Ir	87	2)
VV Peg	54450.3301	.0018	WN	-0.0253	GCVS 87	V	143	10)
BH Peg	54357.3610	.0012	ALH	+0.0000	BAVR 47,67	o	408	4)
	54387.4691	.0020	WN	-0.0183	BAVR 47,67	V	136	10)
CG Peg	54339.4611	.0005	QU	-0.0278	SAC 72	V	81	3)
CV Peg	54367.327	.003	AG			-Ir	36	1)
DY Peg	54450.3777	.0010	WN	-0.0065	GCVS 87	V	43	10)
SS Psc	54433.4504	.0007	QU	+0.0068	BAVR 47,67	V	69	3)
FI Sge	54381.325	.003	AG			-Ir	36	1)
BT Ser	54318.3878	.0040	MZ			-Ir	80	2)
	54326.3679	.0060	MZ			-Ir	36	2)
XZ Vir	54223.3750	.0003	MZ			-Ir	61	2)
DR Vir	54222.4139	.0040	MZ			-Ir	133	2) red

Remarks:

AG:	Agerer, F., Tiefenbach	QU:	Quester, W., Esslingen
ALH:	Alich, K., Schaffhausen (CH)	SCI:	Schmidt, U., Karlsruhe
DIE:	Dietrich, M., Radebeul	SIR:	Schirmer, J., Willisau (CH)
FR:	Frank, P., Velden	WN:	Wischnewski, M., Wennigsen
Ju:	Jungbluth, Dr. H., Karlsruhe	WTR:	Walter, F., München
MZ:	Maintz, G., Bonn		
:	uncertain		
s	secondary minimum		
red	Normal minimum/maximum		
C	CCD-camera		
o	without filter		
V	V-filter		
Ic	I-filter Cousins		
-Ir	-Ir-filter		
Unnnn	USNO A2.0 catalogue (U as first character of starname)		
Gnnnn	GSC (G as first character of starname)		
1)	ccd-camera ST-6 chip 375*242 uncoated		
2)	ccd-camera ST-7		
3)	ccd-camera ST-7E		
4)	ccd-camera ST-8E		
5)	ccd-camera ST-9 chip		
6)	ccd-camera AlphaMaxi		
7)	ccd-camera OES-LcCCD12		
8)	ccd-camera pictor 1616XT		
9)	ccd-camera Pictor 416XT		
10)	ccd-camera Meade DSI Pro 2		
GCVS <i>yy</i>	General Catalogue of Variable Stars, 4th ed. 19yy		
IBVS <i>nnnn</i>	Information Bulletin on Variable Stars No. <i>nnn</i>		
SAC <i>vv</i>	Rocznik Astronomiczny No. <i>vv</i> , Krakow (SAC)		
AJ	Astronomical Journal		
BAVM <i>nnn</i>	BAV Mitteilungen No. <i>nnn</i>		
BAVR <i>vv, ppp</i>	BAV Rundbrief Vol. <i>vv</i> , page <i>ppp</i>		