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PHOTOELECTRIC MAXIMA OF SELECTED PULSATING STARS

(BAV MITTEILUNGEN NO. 160)

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In this 50th compilation of BAV results, photoelectric observations obtained in the years 2002 till 2003 are presented on 145 variable stars giving 360 maxima. All moments of the 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 light curves with evaluations can be obtained from the office of the BAV for inspection.

Table 1: Pulsating stars

Variable	Max JD 24. . .	±	Obs	$O - C$		Fil	Rem
SW And	52533.4760	.0004	JU	-0.0231	BAVM 78		4)
	52556.4733	.0053	PC	-0.0236	BAVM 78	-Ir	19)
	52680.3083	.0028	ATB	-0.0233	BAVM 78		1)
XX And	52195.3917	.0050	PS	+0.2127	GCVS 85		3)
	52323.3110	.0035	ATB	+0.2057	GCVS 85		1)
	52620.3580	.0012	JU	+0.2036	GCVS 85		4)
CI And	52628.3126	.0012	MON	+0.2080	GCVS 85	V	1)
	52195.5525	.0100	PS				3)
	52693.3587	.0006	MZ			-Ir	11)
DR And	52693.3662	.0035	ATB				1)
	52320.3019	.0028	ATB				1)
	52620.4385	.0035	ATB				1)
GP And	52489.4910	.0012	MON	+0.0025	GCVS 85	V	1)
OV And	52552.3779	.0009	JU	-0.0098	MVS11,133		4)
	52592.3764	.0009	JU	-0.0107	MVS11,133		4)
TY Aps	52394.580	.005	PS				4)
XZ Aps	52401.567	.005	PS				16)
SX Aqr	52548.3751	.0019	MON	+0.0145	BAVR 37)	V	1)
CY Aqr	52557.4373	.0002	MZ	+0.0108	GCVS 85	-Ir	11)
AA Aql	52552.3332	.0019	MON	+0.0041	BAVM 78	V	1)
V341 Aql	52133.583	.005	PS	+0.028	GCVS 85		3)
V625 Aql	52503.551	.002	AG				1)
RV Ari	52548.6381	.0018	MON	+0.0094	GCVS 85	V	1)
	52671.2767	.0014	ATB	-0.0019	GCVS 85		1)
TZ Aur	52188.5713		MS FR	+0.0087	GCVS 85		9)
	52321.3497	.0002	JU	+0.0094	GCVS 85		4)

Table 1: (cont.)

Variable	Max JD 24. . .	\pm	Obs	$O - C$		Fil	Rem
TZ Aur	52681.3027	.0012	MON	+0.0134	GCVS 85	V	1)
	52693.4454	.0014	SCI	+0.0142	GCVS 85		4)
BH Aur	52277.552	.002	HSR				15)
	52320.4043	.0020	HSR				15)
RS Boo	52646.5071	.0024	ATB				1)
	52474.4650	.0004	MZ	+0.0128	BAVR 36)	-Ir	10)
	52485.4087	.0009	MZ	+0.0137	BAVR 36)	-Ir	10)
	52745.3951	.0005	QU	+0.0138	BAVR 36)	V	14)
	52748.4146	.0002	MZ	+0.0145	BAVR 36)	-Ir	11)
ST Boo	52754.4511	.0010	SCI	+0.0137	BAVR 36)		16)
	52450.4714	.0010	MZ	-0.0005	BAVR 40)	-Ir	10)
	52722.409	.002	AG	-0.005	BAVR 40)		1)
	52725.520	.002	AG	-0.005	BAVR 40)		1)
SZ Boo	52730.502	.002	AG	-0.001	BAVR 40)		1)
	52767.4828	.0049	PC			-Ir	20)
TW Boo	52376.4693	.0004	JU	-0.0158	SAC 72		4)
	52746.398	.002	AG	-0.016	SAC 72		1)
UU Boo	52338.5841	.0005	JU	+0.1412	GCVS 85		4)
	52344.5225	.0005	JU	+0.1396	GCVS 85		4)
	52366.4514	.0004	JU	+0.1363	GCVS 85		4)
	52440.4726:	.0013	JU	+0.1364	GCVS 85		4)
	52451.4439	.0008	JU	+0.1416	GCVS 85		4)
	52721.496	.002	AG	+0.154	GCVS 85		1)
	52722.408	.002	AG	+0.152	GCVS 85		1)
	52723.323	.002	AG	+0.153	GCVS 85		1)
	52725.605	.003	AG	+0.150	GCVS 85		1)
	52726.521	.001	AG	+0.153	GCVS 85		1)
	52743.427	.002	AG	+0.152	GCVS 85		1)
	52747.539	.002	AG	+0.152	GCVS 85		1)
	52764.447	.000	AG	+0.154	GCVS 85		1)
UY Boo	51956.6768	.0007	MS FR	+0.0206	SAC 72		9)
	52749.5298	.0010	SCI	+0.0748	SAC 72		16)
XX Boo	52746.5681	.0093	PC	+0.0196	GCVS 85	-Ir	19)
	52767.4987	.0047	PC	+0.0197	GCVS 85	-Ir	20)
YZ Boo	52327.5535	.0010	MON	+0.0034	GCVS 85	V	1)
	52692.6016	.0019	MON	+0.0024	GCVS 85	V	1)
	52763.4876	.0012	MON	+0.0021	GCVS 85	V	1)
AG Boo	52373.585	.005	AG				1)
AY Boo	52371.384	.004	AG			-Ir	1)
BR Boo	52371.386	.010	AG			-Ir	1)
CG Boo	52361.6141	.0030	MS FR				9)
	52372.4990	.0006	MS				9)
CM Boo	52321.6621	.0016	MON	-0.0656	GCVS 85	-Ir	1)
	52373.4327	.0010	QU	-0.0668	GCVS 85	V	14)
	52764.4547		BRN STK	-0.0742	GCVS 85	-Ir	14)
CS Boo	52322.6861	.0017	MON	+0.0006	IBVS 2855	V	1)
	52424.5060	.0010	JU	-0.0025	IBVS 2855		4)
AH Cam	52681.3273:	.0003	MZ	+0.0582	GCVS 85	-Ir	11)
	52688.3205:	.0008	MZ	+0.0455	GCVS 85	-Ir	11)
RW Cnc	52371.3508	.0012	MON	+0.1834	GCVS 85	V	1)
	52684.3466	.0019	MON	+0.1814	GCVS 85	V	1)
	52696.3859	.0019	MON	+0.1823	GCVS 85	V	1)
	52742.3586	.0099	PC	+0.1903	GCVS 85	-Ir	19)
SS Cnc	52319.4657	.0014	ATB	+0.0436	GCVS 85		1)
	52689.3716	.0007	MZ	+0.0402	GCVS 85	-Ir	11)
	52704.4353	.0010	FR	+0.0430	GCVS 85		21)
TT Cnc	52707.3739	.0013	FR	+0.0430	GCVS 85		21)
	52327.3769	.0010	MON	+0.0825	GCVS 85	V	1)
	52327.3777	.0007	JU	+0.0832	GCVS 85		4)
	52337.5084	.0008	JU	+0.0718	GCVS 85		4)

Table 1: (cont.)

Variable	Max JD 24. . .	\pm	Obs	$O - C$		Fil	Rem
TT Cnc	52363.4272	.0021	JU	+0.0720	GCVS 85		4)
	52367.3704	.0042	ATB	+0.0710	GCVS 85		1)
	52367.3732	.0010	MZ	+0.0739	GCVS 85	-Ir	11)
	52722.3506	.0019	WTR	+0.0781	GCVS 85		13)
	52722.3542	.0065	PC	+0.0817	GCVS 85	-Ir	20)
AN Cnc	52367.4572	.0035	PC			-Ir	12)
AQ Cnc	52362.3676	.0036	JU	-0.0612	GCVS 85		4)
AS Cnc	52351.3968	.0048	PC			-Ir	12)
Z CVn	52367.5134	.0017	JU	+0.1620	GCVS 85		4)
	52367.5143	.0071	PC	+0.1629	GCVS 85	-Ir	12)
	52369.4836	.0015	JU	+0.1707	GCVS 85		4)
	52371.4329	.0008	MZ	+0.1585	GCVS 85	-Ir	11)
	52696.4198	.0010	JU	+0.1974	GCVS 85		4)
RR CVn	51920.6868	.0100	HSR PC				17)
RU CVn	52319.5821	.0020	HSR				12)
	52358.5645	.0015	HSR				12)
	52362.5766	.0020	HSR				12)
	52373.4696	.0030	HSR				12)
	52308.6529	.0010	MON	-0.1938	GCVS 85	-Ir	1)
RZ CVn	52358.5911	.0028	PC	-0.1879	GCVS 85	-Ir	12)
	52767.4563	.0092	PC	-0.0384	GCVS 85	-Ir	20)
ST CVn	52358.3829	.0045	HSR				15)
	52386.4701	.0045	HSR				15)
SW CVn	52345.6482	.0019	PC			-Ir	12)
VW CVn	52373.390	.010	AG	+0.047	BAVR 40)		1)
	52715.477	.003	AG	+0.030	BAVR 40)		1)
	51920.664 :	.005	HSR PC	-0.043	GCVS 85		17)
BN CVn	52713.6338	.0031	PC	+0.0430	BAVM 75	-Ir	20)
Y CMi	52359.3212	.0080	PS	+0.1342	GCVS 85		3)
AA CMi	52693.3434	.0005	WTR	+0.0400	GCVS 85		13)
AD CMi	51598.3120	.0025	HSR	+0.0033	GCVS 85		16)
	52695.3662	.0006	MZ	+0.0026	GCVS 85	-Ir	11)
AL CMi	52699.3432	.0030	WTR	-0.1378	GCVS 85		13)
BK Cas	52698.403	.001	AG				1)
PS Cas	52618.299	.007	AG			-Ir	1)
RZ Cep	52185.3548	.0010	MON	-0.1250	GCVS 85		1)
DX Cep	52527.5534	.0025	PC			-Ir	12)
EZ Cep	52503.4201	.0050	MZ			-Ir	11)
	52617.4978	.0029	PC			-Ir	19)
U Com	52763.4120	.0008	WTR	+0.0347	GCVS 85		13)
RY Com	51934.638	.003	HSR PC	+0.021	GCVS 85		17)
	52351.5277	.0069	PC	+0.0111	GCVS 85	-Ir	12)
	52713.5601	.0039	PC	+0.0117	GCVS 85	-Ir	20)
	52342.5752	.0047	PC	-0.0204	GCVS 85	-Ir	12)
ST Com	52420.4329	.0010	MZ	-0.0234	GCVS 85	-Ir	11)
	52747.528	.010	AG			-Ir	1)
AT Com	52704.546	.001	AG				1)
AX Com	52704.624	.001	AG				1)
BT Com	52373.553	.004	AG				1)
IS Com	52723.437	.004	AG			-Ir	1)
RV CrB	52350.6019:	.0045	MS FR	-0.1357	GCVS 85		9)
	52362.5108	.0030	MS FR	-0.1631	GCVS 85		9)
	52520.3685	.0010	MZ	-0.1303	GCVS 85	-Ir	11)
SZ CrB	52453.4712	.0050	MZ	-0.1543	GCVS 85	-Ir	10)
TV CrB	52308.6510	.0016	MS FR	+0.0222	GCVS 85		9)
WW CrB	52367.444	.003	AG				1)
XX Cyg	52501.4487	.0002	MZ	+0.0015	GCVS 85	-Ir	11)
XZ Cyg	52440.5577	.0008	MON	+0.0153	BAVR 41)	V	1)
	52448.4842	.0008	MON	+0.0096	BAVR 41)	V	1)
	52476.4515	.0017	MON	+0.0446	GCVS 85	V	1)

Table 1: (cont.)

Variable	Max JD 24. . .	\pm	Obs	$O - C$		Fil	Rem
DM Cyg	52502.4854	.0019	PC	+0.0472	GCVS 85	-Ir	12)
	52584.3579	.0028	ATB	+0.0470	GCVS 85		1)
	52618.3684	.0003	MZ	+0.0488	GCVS 85	-Ir	11)
	52621.3054	.0035	ATB	+0.0468	GCVS 85		1)
V894 Cyg	52443.461	.004	MZ	+0.000	BAVR 39)	-Ir	10)
V939 Cyg	52416.419	.002	AG	-0.012	BAVM 92		1)
ZZ Del	52531.4054	.0010	MZ			-Ir	11)
CK Del	52531.4032	.0004	WTR				13)
DX Del	52501.4120	.0016	WTR	+0.0531	GCVS 85		13)
RW Dra	52338.6211	.0010	MON	+0.1499	GCVS 85	V	1)
	52448.476	.005	PS	+0.162	GCVS 85		3)
	52502.5126	.0007	JU	+0.1621	GCVS 85		4)
	52503.3935	.0007	JU	+0.1572	GCVS 85		4)
SU Dra	52503.3974	.0003	WTR	+0.1611	GCVS 85		13)
	52742.4690	.0074	PC	+0.0400	GCVS 85	-Ir	19)
	52746.4277	.0025	SCI	+0.0362	GCVS 85		16)
	52746.4300	.0038	PC	+0.0385	GCVS 85	-Ir	19)
SW Dra	52322.3564	.0011	MON	+0.0209	SAC 72	V	1)
	52359.3838	.0009	MZ	+0.0196	SAC 72	-Ir	11)
	52620.3019	.0030	SCI	+0.0286	SAC 72		4)
	52695.4952	.0010	JU	+0.0253	SAC 72		4)
VZ Dra	52720.5616	.0035	PC	+0.0262	SAC 72	-Ir	20)
	52360.4361	.0019	JU	-0.0972	GCVS 85		4)
	52361.3950	.0024	MON	-0.1014	GCVS 85	V	1)
	52411.4742	.0010	JU	-0.1030	GCVS 85		4)
	52412.4298	.0031	JU	-0.1105	GCVS 85		4)
	52455.4530	.0016	JU	-0.1054	GCVS 85		4)
	52680.5169	.0024	SCI	-0.0841	GCVS 85		4)
	52685.6144	.0035	SCI	-0.1231	GCVS 85		4)
	52690.4548	.0083	SCI	-0.0981	GCVS 85		4)
	52694.6175	.0049	SCI	-0.1088	GCVS 85		16)
	52734.4187	.0045	SCI	-0.1155	GCVS 85		16)
	XZ Dra	52344.5521	.0010	MON	-0.0463	GCVS 85	V
52720.4918		.0010	SCI	-0.0628	GCVS 85		4)
BK Dra	52444.5056	.0025	JU	+0.0071	SAC 72		4)
	52508.4530	.0020	JU	+0.0104	SAC 72		4)
	52511.4096	.0021	SCI	+0.0066	SAC 72		4)
	52721.6031	.0019	MON	+0.0134	SAC 72	V	1)
DD Dra	52483.500	.002	AG	-0.030	BAVR 42)	V	1) 26)
	52691.4811	.0049	SCI	+0.1101	BAVR 42)		4) 26)
	52713.6935	.0018	MON	+0.1006	BAVR 42)	V	1) 26)
RR Gem	52319.5322	.0015	HSR	+0.1304	GCVS 85		15)
	52322.3094	.0005	JU	+0.1265	GCVS 85		4)
	52337.4062	.0005	JU	+0.1255	GCVS 85		4)
	52341.3772	.0008	MZ	+0.1234	GCVS 85	-Ir	11)
	52358.4590	.0010	ATB	+0.1208	GCVS 85		1)
	52619.4832	.0008	JU	+0.1119	GCVS 85		4)
SZ Gem	52648.4875	.0017	MON	+0.1126	GCVS 85	V	1)
	52308.4382	.0010	MON	-0.0444	GCVS 85	-Ir	1)
	52321.4699	.0003	JU	-0.0423	GCVS 85		4)
	52680.2815	.0020	JU	-0.0445	GCVS 85		4)
	52691.3059	.0009	JU	-0.0451	GCVS 85		4)
	52692.3072	.0017	SCI	-0.0461	GCVS 85		4)
	52696.3180	.0007	WTR	-0.0443	GCVS 85		13)
	52723.3774	.0005	QU	-0.0463	GCVS 85	V	14)
AK Gem	52707.325	.001	AG	+0.034	GCVS 85		1)
FV Gem	52707.387	.002	AG				1)
GI Gem	52692.3622	.0007	MZ	+0.0664	GCVS 85	-Ir	11)
GSC1893.0089 Gem	52723.397	.001	PRK				1)
VZ Her	52440.4089	.0012	MON	+0.0561	GCVS 85	V	1)

Table 1: (cont.)

Variable	Max JD 24. ..	\pm	Obs	$O - C$		Fil	Rem
AF Her	52530.3329	.0021	ATB	-0.1082	GCVS 85		1)
AG Her	52522.3669	.0040	MZ			-Ir	11)
AR Her	52090.5220	.0020	QU	+0.0261	SAC 72	V	14)
	52362.610	.004	HSR	-0.007	SAC 72		15)
	52371.5958	.0018	MON	+0.0492	SAC 72	V	1)
	52373.474	.000	MS	+0.047	SAC 72		9)
	52373.4815	.0070	HSR	+0.0549	SAC 72		15)
	52427.4738	.0008	JU	-0.0010	SAC 72		4)
DL Her	52484.4150	.0026	MZ	+0.0065	GCVS 85	-Ir	10)
IP Her	52531.3409	.0056	ATB				1)
LS Her	52054.4511	.0040	HSR	+0.0331	GCVS 85	-Ir	17)
V1013 Her	52369.6116	.0004	MS	+0.1201	BAVM 125		9)
	52411.5169	.0031	MS FR	+0.1232	BAVM 125		9)
UU Hya	52371.361	.003	AG				1)
UV Hya	52371.352	.003	AG				1)
DD Hya	52720.4004	.0004	WTR	-0.0250	SAC 73		13)
DH Hya	52674.6065	.0030	MZ			-Ir	11)
	52680.4746	.0024	MZ			-Ir	11)
CQ Lac	52618.3208	.0028	ATB				1)
	52649.3235	.0042	ATB				1)
CZ Lac	52505.405	.002	AG	-0.094	GCVS 85	-Ir	1)
	52556.3884	.0006	JU	-0.1112	GCVS 85		4)
	52617.330	.005	AG	-0.110	GCVS 85	-Ir	1)
	52617.3320	.0010	JU	-0.1085	GCVS 85		4)
DE Lac	52503.4101	.0012	MON	+0.0335	GCVS 85	V	1)
IV Lac	52503.355	.002	AG			-Ir	1)
	52505.364	.002	AG			-Ir	1)
	52506.558	.007	AG			-Ir	1)
RR Leo	52322.5040	.0010	MON	+0.0120	SAC 72	V	1)
	52347.3900	.0029	JU	+0.0162	SAC 72		4)
	52361.4155	.0042	JU	+0.0174	SAC 72		4)
	52365.4856	.0008	JU	+0.0160	SAC 72		4)
	52366.3899	.0003	WTR	+0.0155	SAC 72		13)
	52664.5201	.0010	JU	+0.0165	SAC 72		4)
	52683.5208	.0003	JU	+0.0165	SAC 72		4)
	52694.3772	.0055	PRK FR	+0.0154	SAC 72		1)
	52717.4458	.0001	BRN STK	+0.0118	SAC 72	-Ir	14)
	52722.4268	.0011	SCI	+0.0164	SAC 72		4)
	52746.4007	.0002	MZ	+0.0134	SAC 72	-Ir	11)
	52751.3823	.0023	PC	+0.0186	SAC 72	-Ir	19)
SS Leo	52737.3872	.0014	SCI	-0.0328	GCVS 85		16)
ST Leo	52628.6763	.0019	MON	-0.0162	GCVS 85	V	1)
	52697.5052	.0014	SCI	-0.0171	GCVS 85		4)
	52754.3868	.0006	WTR	-0.0156	GCVS 85		13)
SU Leo	51943.5236	.0022	HSR PC	-0.0673	GCVS 85		17)
GP Leo	51926.6054	.0003	MS FR	+0.0096	BAVM 136		9) 25)
	51941.5545	.0015	MS FR	+0.0121	BAVM 136		9) 25)
	52043.4536	.0011	FR	+0.0027	BAVM 136		6)
V LMi	52368.3714	.0004	WTR				13)
	52721.3705	.0003	MZ			-Ir	11)
	52752.3792	.0037	PC			-Ir	19)
EH Lib	52442.5104	.0007	MZ	+0.0058	GCVS 85	-Ir	10)
SZ Lyn	52308.3564	.0010	MON	+0.0115	GCVS 85	-Ir	1)
	52628.5058	.0011	MON	+0.0201	GCVS 85	V	1)
	52721.3220	.0012	WTR	+0.0244	GCVS 85		13)
TV Lyn	52680.5293	.0043	PC	+0.0276	GCVS 85	-Ir	19)
TW Lyn	52342.4393	.0026	PC			-Ir	12)
	52369.4240	.0021	ATB				1)
	52617.5816	.0044	PC			-Ir	19)
AN Lyn	52342.3455	.0012	MON			V	1)

Table 1: (cont.)

Variable	Max JD 24...	\pm	Obs	$O - C$		Fil	Rem
RZ Lyr	52416.4231	.0007	QU	-0.0187	GCVS 85	V	14)
	52440.4607	.0007	QU	-0.0095	GCVS 85	V	14)
	52464.4977	.0012	MON	-0.0009	GCVS 85	V	1)
	52547.3114	.0013	JU	-0.0084	GCVS 85		4)
	52720.6304	.0018	MON	-0.0006	GCVS 85	V	1)
AQ Lyr	52415.411	.002	AG				1)
EZ Lyr	52361.6265	.0017	MON	+0.0251	SAC 73	V	1)
	52411.5278	.0017	MON	+0.0264	SAC 73	V	1)
	52502.3991	.0005	WTR	+0.0272	SAC 73		13)
FN Lyr	52503.4513	.0029	PC	+0.0290	SAC 73	-Ir	12)
	52464.4664	.0009	MZ	+0.0131	GCVS 85	-Ir	10)
	52558.3494	.0021	ATB	+0.0195	GCVS 85		1)
IN Lyr	52416.487	.002	AG			-Ir	1)
IO Lyr	52360.6217	.0012	MON	-0.0265	GCVS 85	V	1)
	52464.5049	.0013	JU	-0.0254	GCVS 85		4)
	52527.4106	.0030	ATB	-0.0261	GCVS 85		1)
KX Lyr	52542.3141:	.0008	MZ			-Ir	11)
NQ Lyr	52502.4024	.0017	MZ	+0.0016	GCVS 85	-Ir	11)
NR Lyr	52451.4776	.0030	MZ			-Ir	10)
	52619.2495	.0056	ATB				1)
V535 Mon	52664.4399	.0020	MZ			-Ir	11)
V452 Oph	52425.373	.002	AG			-Ir	1)
	52527.3324	.0028	ATB				1)
AO Peg	52533.3817	.0020	MZ	-0.0114	BAVR 39)	-Ir	11)
AV Peg	52519.5613	.0032	PC	+0.0766	GCVS 87	-Ir	12)
BP Peg	52502.3879	.0018	MON	+0.0385	GCVS 87	V	1)
	52529.4468	.0006	PC	+0.0402	GCVS 87	-Ir	12)
BT Peg	52505.582	.002	AG	+0.055	BAVR 40)		1)
CG Peg	52484.4679		SIR	-0.0150	SAC 72	-Ir	10)
	52504.5518	.0018	MON	-0.0180	SAC 72	V	1)
	52535.3830	.0008	JU	-0.0180	SAC 72		4)
	52548.4671	.0017	SCI	-0.0138	SAC 72		4)
	52555.3654	.0017	SCI	+0.0356	GCVS 87		4)
DH Peg	52225.4002	.0015	SCI	-0.0027	GCVS 87		18)
DY Peg	52475.6090	.0012	MON	-0.0039	GCVS 87	V	1)
	52501.4248	.0012	MON	-0.0041	GCVS 87	V	1)
	52501.4978	.0011	MON	-0.0040	GCVS 87	V	1)
	52501.5712	.0011	MON	-0.0035	GCVS 87	V	1)
	52621.3148	.0008	MZ	-0.0049	GCVS 87	-Ir	11)
	52621.3882	.0008	MZ	-0.0045	GCVS 87	-Ir	11)
DZ Peg	52590.3721	.0012	MZ	-0.0155	SAC 72	-Ir	11)
	52646.2480	.0030	ATB	-0.0160	SAC 72		1)
ES Peg	52617.3964	.0027	MZ			-Ir	11)
IY Peg	52576.3895	.0040	MZ			-Ir	11)
	52617.3134	.0013	MZ			-Ir	11)
AR Per	52358.3897	.0004	MZ	+0.0424	GCVS 87	-Ir	11)
	52619.2573	.0024	SCI	+0.0485	GCVS 87		4)
	52681.3872	.0007	QU	+0.0483	GCVS 87	V	14)
	52724.369	.002	AG	+0.050	GCVS 87	-Ir	1)
RY Psc	52548.4688	.0019	MON	-0.1273	GCVS 87	V	1)
DF Ser	52450.4600	.0005	QU			V	14)
	52464.4693	.0007	QU			V	14)
BO Tau	52674.5154	.0008	MZ			-Ir	11)
	52691.4304	.0009	MZ			-Ir	11)
UX Tri	52257.3975	.0056	ATB				1)
	52277.5239	.0035	ATB				1)
	52308.3624	.0042	ATB				1)
	52309.2976	.0012	MON			-Ir	1)
	52322.3478	.0021	ATB				1)
	52502.5628	.0018	MON			V	1)

Table 1: (cont.)

Variable	Max JD 24. . .	\pm	Obs	$O - C$		Fil	Rem
UX Tri	52558.5615	.0035	ATB				1)
	52576.3563	.0020	JU				4)
	52581.4790	.0024	ATB				1)
	52616.5055	.0042	ATB				1)
	52617.4385	.0041	PC			-Ir	19)
	52619.3018	.0025	JU				4)
	52646.3389	.0042	ATB				1)
	52696.3264	.0056	ATB				1)
RV UMa	52053.4277	.0013	SCI	+0.0009	SAC 73		18)
	52338.4774	.0010	QU	-0.0019	SAC 73	V	14)
	52338.4784	.0027	SCI	-0.0008	SAC 73		18)
	52344.5616	.0011	SCI	-0.0026	SAC 73		18)
	52681.5740	.0012	MON	+0.0020	SAC 73	V	1)
	52690.4644	.0005	QU	-0.0008	SAC 73	V	14)
	52704.5083	.0005	QU	+0.0011	SAC 73	V	14)
	52717.611	.002	AG	-0.002	SAC 73	-Ir	1)
SX UMa	52747.5733	.0043	PC	+0.0040	SAC 73	-Ir	19)
	52359.4756	.0050	SCI				18)
TU UMa	52746.486	.002	AG			-Ir	1)
	52347.3549	.0010	MON	-0.0278	GCVS 87	V	1)
	52367.4313	.0005	QU	-0.0272	GCVS 87	V	14)
	52367.4375	.0020	SCI	-0.0210	GCVS 87		18)
	52691.4319	.0005	QU	-0.0263	GCVS 87	V	14)
	52721.5498	.0080	PC	-0.0220	GCVS 87	-Ir	20)
	52744.4071	.0001	BRN STK	-0.0287	GCVS 87	-Ir	14)
	52764.4855	.0005	QU	-0.0260	GCVS 87	V	14)
AE UMa	52321.4089	.0008	MON	+0.0003	GCVS 87	-Ir	1)
	52371.3836	.0002	WTR	-0.0009	GCVS 87		13)
	52685.3460	.0012	MON	-0.0007	GCVS 87	V	1)
	52685.4369	.0012	MON	+0.0042	GCVS 87	V	1)
	52730.4187	.0004	SCI	-0.0010	GCVS 87		16)
	52739.3617	.0007	SCI	-0.0037	GCVS 87		16)
BN Vul	52592.2725	.0011	JU	-0.0145	SAC 73		4)
FH Vul	52519.3908	.0026	PC	-0.0329	BAVR 39)	-Ir	12)

Remarks:

AG : Agerer, F., Tiefenbach

BRN: Brauner, B., Herford

HSR: Husar, Dr. D., Hamburg

MON: Monninger, Dr. G., Gemmingen

MZ : Maintz, G., Bonn

PRK: Proksch, W., Winhöring

QU : Quester, W., Esslingen

STK: Strunk, J., Leopoldshöhe

ATB: Achterberg, Dr. H., Norderstedt

FR : Frank, P., Velden

JU : Jungbluth, Dr. H., Karlsruhe

MS : Moschner, W., Lennestadt

PC : Poschinger, K., Hamburg

PS : Paschke, A. Rütli (CH)

SCI: Schmidt, U. Karlsruhe

WTR: Walter, F., München

Remarks (cont.):

:	= uncertain
E	= CCD- or photoelectric observation
red	= reduced results
1)	= photometer ST-6 CCD 375 × 242 uncoated, filter V/ B
3)	= photometer Cryocam 80A, without filter
4)	= photometer ST-7, filter V / R / -Ir=KG5/2 / Ic / or none
6)	= photometer OES-LcCCD11, filter -Ir or without filter
9)	= photometer ST-9 chip 512×512
10)	= photometer AlphaMaxi, filter -Ir
11)	= photometer AlphaMini, filter -Ir
12)	= photometer ST-8E, filter without, -Ir, V/R (Bessel type)
13)	= photometer Pictor 416XT filter without
14)	= photometer ST-7E filter V; R; -Ir=KG/2; without filter
15)	= photometer ST-8E chip: KAF1602E without filter
16)	= photometer ST-7 chip: KAF0400 without filter
17)	= photometer apogee AP7 chip: SITe502a filter V; -Ir
18)	= photometer ST-5 without filter
19)	= photometer ST-10 without filter; filter -Ir
20)	= photometer ST-10 XMR without filter; filter -Ir
21)	= photometer OES-LcCCd12 without filter
25)	= evaluation: supported by the software MIRA AP
26)	= double maxima, determination of time is difficult
GCVS <i>yy</i>	= General Catalogue of Variable Stars, 4th ed. 19yy

IBVS *nnnn* = Information Bulletin on Variable Stars No. *nnnn*

MVS *vv,ppp* = Mitteilungen über Veränderliche Sterne; volume, page

SAC *vv* = Rocznik Astronomiczny No. *vv*, Krakow (SAC)

BAVM *nnn* = BAV Mitteilungen No. *nnn*

BAVM 136 = IBVS No. 5114

BAVR 36 = BAV Rundbrief 36,157 f

BAVR 37 = BAV Rundbrief 48, 57

BAVR 39 = BAV Rundbrief 49, 41

BAVR 40 = BAV Rundbrief 49,105

BAVR 41 = BAV Rundbrief 48,189

BAVR 42 = BAV Rundbrief 49, 6