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**TIMES OF LIGHT MAXIMA OF SOME RRab STARS**

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Seventy years ago L. Detre initiated a systematic photometry survey of bright northern RR Lyrae stars in order to discover secondary periodicities in their pulsation. Since 1954 the observations have been carried out photoelectrically with the 60 cm Newton telescope at Budapest, Svábhegy (in integrated light in the first three years) and later, since 1972 the 50 cm Cassegrain telescope at Pizskéstető, Mountain station was also used to the photometry. The observations were made by the staff of the observatory (mostly by L. Csank, L. Detre, K. Gefferth, M. Lovas, K. Oláh and B. Szeidl).

The results on RRab stars with stable light curves have partly been published (AN Ser: Kanyó & Szeidl 1974; AT And, SU Dra, RR Leo, TT Lyn, AR Per: Oláh & Szeidl 1978; TW Her, VZ Her, AV Peg, TU UMa: Szeidl et al. 1986). In Table 1 we collected the times of light maxima of the rest of the RRab stars with stable light curves ever observed photoelectrically at Konkoly Observatory. These data might be useful in constructing their  $O - C$  diagrams. The times given in Table 1 are mean values of the blue and yellow maximum times. (An asterisk in Table 1 indicates that the observations were made in integrated light.)

The RRab stars which exhibited Blazhko effect (RS Boo, TT Cnc, Z CVn, XZ Cyg, RW Dra, XZ Dra, DL Her, RR Gem, RR Lyr, BH Peg, AR Ser, RV UMa) were observed more regularly. The observations of some of these stars have already been published (RS Boo: Kanyó 1986; RW Dra: Szeidl et al. 2001b; XZ Dra: Szeidl et al. 2001a; RR Lyr: Szeidl et al. 1997; RV UMa: Kanyó 1976).

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Table 1:

Star name	Times of maxima HJD	Star name	Times of maxima HJD
XX And	2436141.5267*	UY Cyg	36397.5250
	36144.4176		36452.4741
	36157.4269		36788.3365
	36451.5846		36790.5800
	36819.4634		40428.4395
	39381.6014		40438.5287
	39389.5510		45896.4495
	39418.4600	SW Dra	2435238.4795*
	40500.4147		35561.4846*
	40515.5918		35562.6230*
X Ari	41605.5121		35569.4597*
	41983.5145		36613.6692
	45604.5560		36616.5181
			36644.4333
			43578.4700
ST Boo	2442403.3775	SZ Gem	2436605.3781
	42716.5439		36614.3989
	43459.5025		37315.4909
	44172.5208	39536.5271	
S Com	45622.6365	VX Her	2436744.4685
			40422.4710
UY Cyg	2435127.6595*	RR Leo	2443560.5004
	36673.4502		43911.5572
	36696.4758	V LMi	2436629.5110
	36630.5979		
	2436670.5335		
	36672.2910		
	36693.4080		
	2435284.5260*		
	35338.3540*		
	36351.5478		

**Remark:** ST Boo is probably an RR Lyrae star with Blazhko effect (Lange & Firmanjuk 1975).