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**New times of maxima for CY Aqr,
 DY Peg and BL Cam¹**

CY Aqr and DY Peg are two of the most observed stars belonging to the SX Phe type stars. There are some doubts about their period variations and different interpretations can be found in the literature. In order to facilitate this interpretation new times of maxima are presented here, together with other new ones for the star BL Cam.

These new photoelectric observations were secured for CY Aqr and DY Peg in August 1986 at the Sierra Nevada Observatory in Spain, using the 75 cm telescope with simultaneous observations of uvby Strömrgren filters. A new set of observations was carried out for BL Cam in October 1988 at Calar Alto Observatory in Spain using the 1.52 m telescope and, this time, a sequential uvby Strömrgren filters were used and a classical cooled single-channel photometer.

TABLE 1. Times of maxima of CY Aqr, DY Peg and BL Cam.

i	CY Aqr	DY Peg	BL Cam
	T _i (HJD) 2400000. +	T _i (HJD) 2400000. +	T _i (HJD) 2400000. +
1	46648.4872	46653.4688	47439.6597
2	46648.5479	46653.5419	47440.6760
3	46648.6095	46653.6150	47441.5360
4	46649.4631	46654.4168	47441.5759
5	46649.5242	46654.4901	47442.5529
6	46649.5856	46654.5619	—
7	46650.5617	46654.6352	—
8	46650.6231	46655.6571	—
9	46651.4176	46656.4581	—
10	46652.5156	46656.5313	—
11	46652.5765	46656.6052	—
12	46652.6375	—	—

¹Partially based on observations collected by using the 1.5 m telescope from the Observatorio Astronómico Nacional at Calar Alto Observatory, Almería, Spain

These new times of maxima have been calculated using the method described in Rodríguez et al. (1989). In total, 28 new times of maxima have been obtained for the three stars and they are listed in Table 1 in Heliocentric Julian Day.

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