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TIMES OF MINIMUM LIGHT AND THE LIGHT ELEMENTS FOR Y CVn

Three times of minimum light of the semiregular variable carbon star Y CVn were derived from photoelectric measurements made at Brno Observatory in the years 1980-82. Six other times are based on visual observations of Biskupski (1963) and on photoelectric measurements of Dzervitis et al. (1979). All the minima observed are collected in the following table:

JD _{Min}	O-C	Observer	JD _{Min}	O-C	Observer
243 6100	2.5	Biskupski	244 2140	-0.7	Dzervitis
6350	0.7	Biskupski	4410	-3.1	Vetešnik
6600	-1.1	Biskupski	4660	1.3	Vetešnik
244 1630	-7.1	Dzervitis	5165	2.7	Vetešnik
1890	1.1	Dzervitis			

The minima JD 244 1630, 4660 and 5165 were computed from the three colour observations. The minima JD 244 1890, 2140 and 4410 are based only on a few observations and were derived by means of the mean light curve of the star.

The minima are in good agreement with the light elements:

$$JD_{\text{Min}} = 243\ 6097.5 + 251.8 E$$

The new period $P = 251.8$ days corresponds very well to that noticed in the paper by Biskupski (1963) but it quite disagrees with the mean period given for Y CVn in the General Catalogue of Variable Stars ($P = 158$ days).

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References:

- Biskupski, A., 1963, *Urania* 34, 187
 Dzervitis, U., Paupers, O., Špulgis, G., 1979, *Issl. solnca i krasnych zvezd*
9, 5

ERRATA

The minimum times for six binaries published in IBVS No. 2159 contain erroneous light-time corrections plus a misprint in the case of ST Aqr. The correct times are as follows.

<u>Binary</u>	<u>H JD 2400000+</u>
ST Aqr	44841.3903 <u>+</u> 0.0004
RW CrB	44780.4066 <u>+</u> 0.0002
	44783.3126 <u>+</u> 0.0010
V836 Cyg	44840.4224 <u>+</u> 0.0003
	44842.3826 <u>+</u> 0.0002
TZ Lyr	44784.4100 <u>+</u> 0.0005
BB Peg	44812.5030 <u>+</u> 0.0003
DI Peg	44843.4270 <u>+</u> 0.0002
	44848.4100 <u>+</u> 0.0002

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