

This article was downloaded by:[Bochkarev, N.]
On: 10 December 2007
Access Details: [subscription number 746126554]
Publisher: Taylor & Francis
Informa Ltd Registered in England and Wales Registered Number: 1072954
Registered office: Mortimer House, 37-41 Mortimer Street, London W1T 3JH, UK



Astronomical & Astrophysical Transactions

The Journal of the Eurasian Astronomical Society

Publication details, including instructions for authors and subscription information:
<http://www.informaworld.com/smpp/title~content=t713453505>

Catalogue of massive close binaries with early-type components of the main sequence: observed characteristics

T. S. Polushina ^a

^a Astronomical Observatory of A. M. Gorjki Ural State University, Ekaterinburg, Russia

Online Publication Date: 01 October 2004

To cite this Article: Polushina, T. S. (2004) 'Catalogue of massive close binaries with early-type components of the main sequence: observed characteristics', *Astronomical & Astrophysical Transactions*, 23:5, 499 - 501

To link to this article: DOI: 10.1080/10556790412331295982

URL: <http://dx.doi.org/10.1080/10556790412331295982>

PLEASE SCROLL DOWN FOR ARTICLE

Full terms and conditions of use: <http://www.informaworld.com/terms-and-conditions-of-access.pdf>

This article maybe used for research, teaching and private study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

The publisher does not give any warranty express or implied or make any representation that the contents will be complete or accurate or up to date. The accuracy of any instructions, formulae and drug doses should be independently verified with primary sources. The publisher shall not be liable for any loss, actions, claims, proceedings, demand or costs or damages whatsoever or howsoever caused arising directly or indirectly in connection with or arising out of the use of this material.

ERRATUM

CATALOGUE OF MASSIVE CLOSE BINARIES WITH EARLY-TYPE COMPONENTS OF THE MAIN SEQUENCE: OBSERVED CHARACTERISTICS

T. S. POLUSHINA

Astronomical Observatory of A. M. Gorjki Ural State University, Ekaterinburg 620083, Russia
E-mail: Tatyana.Polushina@usu.ru

In this paper by Polushina ((2004) *Astron. Astrophys. Trans.* **23**, 213–227), there were several typographical and other errors.

On pages 214 and 217, in Table 1, the table heading, the column headings and the entry for star 108 should read as follows.

Table 1. Monitoring list of massive close binaries with early-type components.

Database number <i>N</i>	Name in GCVS	Henry Draper number	Spectral type	Component masses $m_1 + m_2$ (solar units)	Neighbourhood	Comments	Number of references
⋮							
108	LT Gem	254699	BIV		In association Gem I		4
⋮							

On pages 221, 222 and 223, in Table 2, the table heading, the column headings and the entries for stars 59, 68, 83, 85, 127, 1, 20, 23, 29, 57, 65, 69, 80, 54 and 58 should read as follows (listed in the order in which they appear in the original paper). An internal table heading should also be added after star 170 and before star 1.

Table 2. Catalogue of massive close binaries with early-type components in mean-sequence systems.

Database number	Name in GCVS	Shape of light curve	Evolutionary status of system	P (days)	ΔP	Spectral type	Spectral specifics	Component masses $m_1 + m_2$ (solar units)	Δm (solar units)	Orbital eccentricity e	Neighbourhood	Comments
59	LZ Cen	EB	Near the end of their life on main sequence	2.758		B0.5+B1*		12.5 + 13.5				*
68	XZ Cep	EB	2 fill.	5.097	Variable	B1.5II/III+B1.III-V		14.2 + 18.1	1.6×10^{-7}	0.09		*
83	DL Cyg	EA; EB	1 near the end of its life on main sequence; 2 near ZAMS	4.830		B3+A0	He much greater	14.8 + 9.1		0.22		*
85	V380 Cyg	EA		B1.5II+B2V	12.426			12.1 + 7.3				
127	δ Ori	EA		5.732	Variable	O9.5II+B1*	P Cyg $\lambda\lambda$. NV, SIV, CIV, variable	23 + 9		0.09, decrease	0.15"; 14"	*
<i>Semi-detached main-sequence systems</i>												
1	V337 Aq1	EB		2.734	Variable	B0.5V + B2.5V	$e(P)$	16 + 10				*
20	EN Car	EA		1.535		B3-B5					Tr18	
23	GW Car	EB		1.129		B1III _n		9+?				*
29	V348 Car	EB		5.562		B1III+B0III(e)	β Cep*	$m_1 + m_2 = 65$			IC 2581 nebula, in core H II	*
57	BH Cen	EB	ZAMS	0.792	Variable	B3+B3					IC 2944	*
65	V593 Cen	EW		0.755		B1V _n					Stock 16	
69	AH Cep	EB; EA		1.775	Variable	B0.5V _n +B0.5 _n	H α emission variable*	17.7 + 15.6		0.034		*
80	AB Cru	EA	2 fill.	3.413		O8V+B0.5	2 star have strong He overabundance	19.7 + 7.0				
54	SV Cen	EB	2 fill.?	1.658	Variable	B1V+B6.5II-III		11.2 + 9.4	10^{-4}		IC 2944	*
58	LW Cen	EB		1.008		B1.5V						

December 2007
 13:17:00
 [Book title, N.]
 Edited By: [Book title, N.]

On page 224, in Section 2, line 13 should read W UMa-type curve instead of W uMa-type curve.

On page 225, in Table 3, the table heading, the column headings and the entries for stars 9 and 87 should read as follows.

Table 3. Additional comments on the observational data of the systems.

Database number <i>N</i>	Name in GCVS	Comments
⋮		
9	IU Aur	One of the components has an envelope; inclination increase; orbit may be processing with $P = 335$ years; third-body mass $m_3 = 18 m_*$; third-body light intensity $L_3 = 20\%$; quadruple system
⋮		
87	V448 Cyg	Circumstellar matter; hot star rotating in a more than synchronous manner; light curves variable and a symmetric; long-period variability
⋮		