

High spectral resolution monitoring of Nova V339 Delphini with TIGRE (*Corrigendum*)

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A&A 581, A134 (2015), DOI: [10.1051/0004-6361/201525810](https://doi.org/10.1051/0004-6361/201525810)

ABSTRACT

Key words. novae, cataclysmic variables – stars: individual: V339 Del – stars: emission-line, Be – instrumentation: spectrographs – telescopes – errata, addenda

The tags in Table 2, indicating the positions of the most prominent spectral features in Figs. 2a and b, were not corrected during the revision process. We include here the corrected table. The lines observed and identified in the spectra and the respective phases remain unchanged.

We kindly thank Patricia A. Whitelock (SAAO/University of Cape Town) for pointing us the error in the table.

Table 2. Spectral line atlas.

Species (Å)	A	B	C	D	Tag	Species (Å)	A	B	C	D	Tag	Species (Å)	A	B	C	D	Tag	
H I 3835.4	x	x	x	x	a.1	Ti II 4443.8	x					[Fe VI-VII] 5277.0					x	
Si II 3856.0	x					Ti II 4450.5	x					Fe II 5316.6	x	x	x			
Si II 3862.6	x					Ti II 4468.5	x					Fe II 5362.8	x					
H I 3889.1	x	x	x	x	a.2	He I 4471.5			x	x		Ti II 5381.0		x				
Ti II 3900.5	x					Mg II 4481.2	x					He II 5412.4			x	x		
Fe II 3906.0	x					Fe II 4491.4	x					Fe II 5425.0		x				
Ti II 3913.5	x					Ti II 4501.3	x					Fe II 5532.1	x	x	x			
He II 3923.0				x		Fe II 4508.3	x					[O I] 5577.3		x	x		a.11	
Ca II 3933.7	x	x	x		a.3	N III 4514.9		x	x			Fe I 5660.0	x					
Ca II 3968.5	b	b	b		a.4	Fe II 4515.0	x					He I 5875.6			x	x	b.10	
H I 3970.1	x	x	x	x	a.4	Fe II 4522.6	x					Na I 5889.9	x	x				
N II 3995.0			x			Fe II 4534.2	x					Na I 5895.9	x	x				
?? 4026	x					Fe II 4549.5	x					N II 5935.0			x	x		
Ti II 4028.3	x					Fe II 4555.8	x					C I 6014.0	x	x			b.17	
?? 4048	x					Cr II 4558.6	x					Fe II 6048.1	x					
Ti II 4053.8	x					Ti II 4572.0	x					[Fe VII] 6087.0				x	b.22	
C III 4068.9			b	b		Fe II 4583.8	x	x				Fe II 6148.0	x	x	x		b.11	
Sr II 4077.7	x					Cr II 4588.2	x					Fe II 6240.6	x					
H I 4101.7	x	x	x	x	a.5	Cr II 4618.8	x					Fe II 6247.6	x	x			b.12	
?? 4110	b					Fe II 4629.3	x	x	x			[O I] 6300.3		x	x	x	b.13	
Ti II 4012.4	x					Cr II 4634.1	x					Si II 6347.1	x				b.1	
Si II 4130.9	x					N III 4638.0			x	x	a.13	[O I] 6363.7		x	x	x	b.14	
Fe I 4163.7	x					Fe I 4657.6	x					Si II 6371.4	x				b.2	
Fe II 4173.5	x	b	b			Sc II 4670.4	x					Fe II 6456.4	x	x				
Fe II 4178.9	x	b	b			He II 4685.8			x	x	a.14	N II 6483.8		x	x	x		
C III 4186.9			b			Fe II 4732.9	x	x				H I 6562.7	x	x	x	x	b.3	
Sr II 4215.5	x					?? 4765	x					?? 6655	x					
Fe I 4216.2	x					Fe I 4771.7	x					He I 6678.2			x	x	b.18	
Fe II 4233.2	x	x	x			[Fe II] 4772.1		x	x			N I 6722.6		x	x		b.15	
Cr II 4242.7	x					Ti II 4805.1	x					C I 6828.1	x	x				
Sc II 4246.8	x					Cr II 4824.1	x					He I 7065.2			x	x	b.19	
C II 4267.2			x	x	a.12	H I 4861.3	x	x	x	x	a.7	C I 7115.0	x	x	x		b.4	
Ti II 4290.2	x					Fe II 4923.9	x	x	x		a.8	C II 7235.0		t	t	t	b.20	
Fe II 4296.5	x	b				?? 4931	x					[O II] 7320.0			t	t	b.21	
Fe II 4303.2	x	b				[O III] 4958.9			x	x		N I 7442.3	x	b				
Ti II 4315.0	x					[O III] 5006.8			x	x	a.15	N I 7468.2	x	b				
Ti II 4321.0	x					Fe II 5018.4	x	x	x		a.9	O I 7773.0	x	x	x		b.5	
Fe I 4325.8	x					?? 5053	x					C I 8335.2	t	t			b.16	
H I 4340.5	x	x	x	b	a.6	He I 5047.7		x	x			O I 8446.3	x	x	x	x	b.6	
Fe II 4351.8	x	b				Ti II 5129.2	x					Ca II 8498.0	x	x	x		b.7	
[O III] 4363.0			b	b		[Fe VII] 5158.9				x		Ca II 8542.1	x	x	x		b.8	
Sc II 4374.5	x					Fe II 5169.0	x	x	x		a.10	H I 8598.4	x	x	x			
Fe II 4385.4	x					Fe II 5197.6	x					N I 8629.2	x					
Ti II 4395.0	x					[N I] 5199.0		x	x			Ca II 8662.1	b				b.9	
Sc II 4400.4	x					Fe II 5234.6	x	x	x			H I 8665.0	b	x	x		b.9	
Fe II 4416.3	x					Fe II 5276.0	x	x	x			H I 8750.5	x	x	x			
[Fe II] 4416.8		x	x															

Notes. The listed lines were observed at least once during the different phases of the nova development. A) Optically thick; B) transition; C) early nebular; D) late nebular; x) observed within the phase; b) heavily blended; t) strongly affected by telluric lines. The tag added for several lines refers to Figs. 2a and b. The wavelength values displayed are the same as used for the radial velocity plots. The label “??” marks the wavelength for features that are observed as absorption lines in all the spectra of the optically thick phase, for which we could not give a proper identification.