

New RS CVn Stars. II.

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Received: 1.01.2007; accepted: 26.01.2007

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#	Name	Other	Coord (J2000)	Type	Max	Min	System	Period	Epoch (JD)	type	Sp	Comment	L.Curve	Find.Chart	Data
1		TYC 02879 01199 1	04 26 37.40 +38 45 02.3	RS	10.70	10.85	R	2.0978	2451580.66	max	G5V	Comm. 1	1.gif	chart1.jpg	NSVS 4325862
2		GSC 0815-00925	09 03 47.71 +12 18 26.1	RS	12.00	12.23	R	5.3287	2451601.70	max		Comm. 2	2.gif	chart2.jpg	NSVS 10165666
3		TYC 03009 00882 1	10 53 05.04 +38 13 34.2	RS	10.35	10.48	R	9.7733	2451550.86	max		Comm. 3	3.gif	chart3.jpg	NSVS 4959248
4		TYC 03046 00605 1	14 49 52.59 +42 06 26.8	RS	10.81	10.96	R	13.7137	2451611.88	max		Comm. 4	4.gif	chart4.jpg	NSVS 5151060
5		TYC 00924 00262 1	14 55 01.95 +14 42 03.1	E/RS	11.19	11.42	R	1.7467	2451335.57	max		Comm. 5	5.gif	chart5.jpg	NSVS 10557447
6		TYC 03133 01231 1	19 13 02.63 +44 36 15.8	RS	10.22	10.40	R	3.5657	2451361.75	max		Comm. 6	6.gif	chart6.jpg	NSVS 5529001
7		TYC 03141 02210 1	19 51 24.80 +40 44 07.4	RS	8.36	8.57	R	4.1648:	2451443.78	max	G5	Comm. 7	7.gif	chart7.jpg	NSVS 5693987
8		TYC 03179 01343 1	20 52 58.27 +44 07 19.9	RS	10.47	10.62	R	7.1663	2451415.88	max	G5V	Comm. 8	8.gif	chart8.jpg	NSVS 5760115

Comments:

1. HDE 279788 = BD+38 891 = 1RXS J042638.5+384458. The star's spectroscopy was reported by Li & Hu (1998). From its spectrum, this can be a weak-lined T Tauri star.

2. 1RXS J090347.3+121837.

3. BD+38 2188 = 1RXS J105305.8+381333.

4. 1RXS J144952.3+420615.

5. 1RXS J145502.5+144210. A twice longer period (3.4906 days) with an EB-like phased light curve is possible.

6. 1RXS J191302.4+443629.

7. HD 226195 = BD+40 3908 = 1RXS J195125.1+404405. The period reported is only one of several possibilities.

8. BD+43 3754 = 1RXS J205257.8+440716.

Remarks:

We report variability discovery for eight stars found in the public data release from the Northern Sky Variability Survey (NSVS; Wozniak et al., 2004; see also <http://skydot.lanl.gov/nsvs>). A periodicity test was performed using the Lafler - Kinman algorithm implemented in the Peranso software (Husar, 2006).

Acknowledgements: I would like to thank Dr. Y. Beletsky for his assistance.

References:

Husar, D., 2006, BAV Rundbrief, 55, 32

Li, J.Z., Hu, J.Y., 1998, Astronomy & Astrophysics Supplement, 132, 173

Wozniak, P.R., Vestrand, W.T., Akerlof, C.W. et al., 2004, Astron. J., 127, 2436