

COMMISSIONS 27 AND 42 OF THE IAU
 INFORMATION BULLETIN ON VARIABLE STARS

Number 5500

Konkoly Observatory
 Budapest
 28 January 2004

HU ISSN 0374 – 0676

REPORTS ON NEW DISCOVERIES

The last issue of the volume publishes a list of newly discovered variables. Figures (finding charts and light curves) and data files are available electronically.

The Editors

Date: 25 July 2003			
Observer(s) and affiliation(s): Tappert, C. - Universidad de Concepción, claus@gemini.cfm.udec.cl Gänsicke, B.T. - University of Southampton, btg@astro.soton.ac.uk Mennickent, R.E. - Universidad de Concepción, rmennick@stars.cfm.udec.cl			
RA(J2000) 00 ^h 59 ^m 23 ^s .46	Dec(J2000) –26°32'51".9	type RR	Mag. 17.28 R (GSC2.2)
Period 0 ^d .5974:		Epoch –	
Cross-identification(s): USNO-A2.0 0600-00386907 = GSC2.2 S00111322304			

Date: 10 October 2003			
Observer(s) and affiliation(s): Bernhard, K. - Linz, Austria, kl.bernhard@aon.at Frank, P. - Velden, Germany, frank.velden@t-online.de Lloyd, C. - Rutherford Appleton Laboratory, UK, cl@astro1.bnsc.rl.ac.uk			
RA(J2000) 19 ^h 00 ^m 16 ^s .8	Dec(J2000) –10°26'36"	type RRab	Mag. 12.9-13.4 (V)
Period 0.69839		Epoch 2452846.53	
Cross-identification(s): GSC 5710.0553 = Brh V136			

Date: 10 October 2003			
Observer(s) and affiliation(s): Rinner, C. - Ottmarsheim Observatory, rinnerc@wanadoo.fr Bernasconi, L. - Les Engarouines Observatory, laurent.bernasconi.51@wanadoo.fr Demeautis, Ch. - Village-Neuf Observatory, sky.walker@wanadoo.fr Waelchli, N. - F.-X. Bagnoud Observatory, info@ofxb.ch Coquille, L. - F.-X. Bagnoud Observatory Matter, D. - Village-Neuf Observatory Cotrez, V. - Village-Neuf Observatory Behrend, R. - Geneva Observatory, raoul.behrend@obs.unige.ch			
RA(J2000) 04 ^h 17 ^m 03 ^s .47	Dec(J2000) +18°52'31".2	type EW	Mag. 14.5
Period 0 ^d 30980520		Epoch 2452547.7597	
Cross-identification(s): GSC 1272-110			
RA(J2000) 20 ^h 35 ^m 10 ^s .23	Dec(J2000) −19°14'10".3	type EW	Mag. 13.1
Period 0 ^d 3927425		Epoch 2452508.676	
Cross-identification(s): GSC 6338-1083			
RA(J2000) 20 ^h 19 ^m 11 ^s .28	Dec(J2000) −16°39'58".5	type EW	Mag. 14.6
Period 0 ^d 3641660		Epoch 2452493.418	
Cross-identification(s): GSC 3328-163			
RA(J2000) 08 ^h 01 ^m 59 ^s .79	Dec(J2000) +13°49'43".9	type EW	Mag. 15.8
Period 0 ^d 350335		Epoch 2452678.419	
Cross-identification(s): USNO-A2.0 975-5664710			
RA(J2000) 09 ^h 14 ^m 25 ^s .96	Dec(J2000) +18°53'54".5	type EW	Mag. 11.5
Period 0 ^d 39858		Epoch 2452723.6127	
Cross-identification(s): GSC 1404-1687			
RA(J2000) 20 ^h 19 ^m 08 ^s .42	Dec(J2000) −16°47'59".4	type EW	Mag. 13.8
Period 0 ^d 32191		Epoch 2452846.475	

Cross-identification(s): GSC 6328-223

RA(J2000) 21 ^h 10 ^m 24 ^s .90	Dec(J2000) +14°48'45".9	type EW	Mag. 15.3
---	-----------------------------------	-------------------	---------------------

Period 0 ^d .2876145	Epoch 2452501.589
--	-----------------------------

Cross-identification(s): USNO-A2.0 975-20094153

RA(J2000) 21 ^h 10 ^m 44 ^s .91	Dec(J2000) +15°35'41".6	type EW	Mag. 14.1
---	-----------------------------------	-------------------	---------------------

Period 0 ^d .3616427	Epoch 2452497.401
--	-----------------------------

Cross-identification(s): GSC 1649-1573
--

RA(J2000) 21 ^h 00 ^m 44 ^s .09	Dec(J2000) +15°19'54".6	type EW	Mag. 12.1
---	-----------------------------------	-------------------	---------------------

Period 0 ^d .787193	Epoch 2452500.483
---	-----------------------------

Cross-identification(s): TYC 1648-525-1

RA(J2000) 21 ^h 01 ^m 27 ^s .74	Dec(J2000) +15°28'10".8	type EW	Mag. 13.2
---	-----------------------------------	-------------------	---------------------

Period 0 ^d .452421	Epoch 2452853.4731
---	------------------------------

Cross-identification(s): GSC 1648-845

RA(J2000) 21 ^h 01 ^m 34 ^s .53	Dec(J2000) +15°23'16".0	type EW	Mag. 14.5
---	-----------------------------------	-------------------	---------------------

Period 0 ^d .381807	Epoch 2452853.428
---	-----------------------------

Cross-identification(s): GSC2.2 N031330127360

Date: 10 October 2003

Observer(s) and affiliation(s): Bosch, J.-G. - Collonges Observatory, jean-gabriel.bosch@physics.unige.ch Demeautis, Ch. - Village-Neuf Observatory, sky.walker@wanadoo.fr Bernasconi, L. - Les Engarouines Observatory, laurent.bernasconi.51@wanadoo.fr Coquille, L. - F.-X. Bagnoud Observatory, info@ofxb.ch Waelchli, N. - F.-X. Bagnoud Observatory Deluz, D. - F.-X. Bagnoud Observatory Rinner, C. - Ottmarsheim Observatory, rinnerc@wanadoo.fr Matter, D. - Village-Neuf Observatory Cotrez, V. - Village-Neuf Observatory Behrend, R. - Geneva Observatory, raoul.behrend@obs.unige.ch
--

RA(J2000) 22 ^h 39 ^m 54 ^s .27	Dec(J2000) +13°26'14".1	type HADS/SX Phe (?)	Mag. 12.4
Period 0 ^d 06455743		Epoch 2452885.4384	
Cross-identification(s): GSC 1158-921			

RA(J2000) 21 ^h 00 ^m 21 ^s .28	Dec(J2000) +15°48'35".0	type RR Lyr	Mag. 14.9
Period 0 ^d 5597298		Epoch 2452511.531	
Cross-identification(s): USNO-A2.0 1050-19031360			

RA(J2000) 21 ^h 30 ^m 48 ^s .07	Dec(J2000) +17°38'48".4	type RR Lyr	Mag. 14.2
Period 0 ^d 61291		Epoch 2452854.2965	
Cross-identification(s): GSC2.2 N03112224474			

RA(J2000) 20 ^h 11 ^m 59 ^s .46	Dec(J2000) −15°54'01".2	type RR Lyr	Mag. 14.6
Period 0 ^d 56793		Epoch 2452846.6159	
Cross-identification(s): GSC 6315-0727			

Date: 18 November 2003
Observer(s) and affiliation(s): Oksanen, A. - Nyrola Observatory, Finland, arto.oksanen@jklsirius.fi

RA(J2000) 02 ^h 10 ^m 13 ^s .46	Dec(J2000) +57°11'25".3	type DSCT (?)	Mag. 10.14-10.19 V
Period 0 ^d 153		Epoch 2452951.49	
Cross-identification(s): GSC 3693-1720			

Date: 24 November 2003
Observer(s) and affiliation(s): Hajek, P. - Brno Observatory, e-mail: phajek@sci.muni.cz Koss, K. - Brno Observatory, e-mail: karel.koss@tiscali.cz Kudrnacova K. - Brno Observatory, e-mail: jkudrnacova@centrum.cz Motl D. - Brno Observatory, e-mail: dmotl@volny.cz

RA(J2000) 23 ^h 29 ^m 42 ^s .18	Dec(J2000) +55°03'47".1	type EW (?)	Mag. 15.3 R
---	-----------------------------------	-----------------------	-----------------------

Period 0 ^d 6625	Epoch 2452859.3088
--------------------------------------	------------------------------

Cross-identification(s): USNO-A2.0 1425-15156364
--

RA(J2000) 00 ^h 11 ^m 22 ^s .08	Dec(J2000) +42°05'39".4	type EW (?)	Mag. 15.1 R
---	-----------------------------------	-----------------------	-----------------------

Period 0 ^d 3281	Epoch 2452859.5092
--------------------------------------	------------------------------

Cross-identification(s): USNO A2.0 1275-00120038
--

RA(J2000) 23 ^h 27 ^m 02 ^s .40	Dec(J2000) +52°14'47".5	type EW (?)	Mag. 12.8-13.0 V
---	-----------------------------------	-----------------------	----------------------------

Period 0 ^d 6152	Epoch 2452857.4245
--------------------------------------	------------------------------

Cross-identification(s): GSC 3649 825 = USNO A2.0 1350-18288664

RA(J2000) 21 ^h 30 ^m 09 ^s .23	Dec(J2000) +25°10'42".8	type EW (?)	Mag. 14.3 R
---	-----------------------------------	-----------------------	-----------------------

Period 0 ^d 3816	Epoch 2452874.5556
--------------------------------------	------------------------------

Cross-identification(s): GSC 2192 1283 = USNO A2.0 1125-18452169
--

RA(J2000) 23 ^h 03 ^m 49 ^s .51	Dec(J2000) +59°30'03".6	type EW (?)	Mag. 14.1 R
---	-----------------------------------	-----------------------	-----------------------

Period 0 ^d 5770	Epoch 2452879.4490
--------------------------------------	------------------------------

Cross-identification(s): USNO A2.0 1425-14529683
--

Date: 25 November 2003

Observer(s) and affiliation(s): Shevchenko, V.G. - Kharkiv Nat. Univ., shevchenko@astron.kharkov.ua

RA(J2000) 04 ^h 07 ^m 13 ^s .9	Dec(J2000) +22°09'31".	type DSCT	Mag. 14.8 V
--	----------------------------------	---------------------	-----------------------

Period 0 ^d 16	Epoch 2452942.45
------------------------------------	----------------------------

Cross-identification(s): GSC 1262-555 = USNO-A2.0 1050-01146056

Date: 6 January 2004			
Observer(s) and affiliation(s): Sorokin, P. - Moscow Astronomy Club Antipin, S. - Sternberg Astronomical Institute and Institute of Astronomy, Russian Academy of Sciences, antipin@sai.msu.ru			
RA(J2000) 00 ^h 40 ^m 44 ^s .22	Dec(J2000) +58°50'53".9	type EA or EB	Mag. 11.7 - 12.8 pg
Period 0 ^d 9805		Epoch 2444377.35	
Cross-identification(s): TYC 3667 826 1 = GSC 03667-00826			

Date: 9 January 2004			
Observer(s) and affiliation(s): Nelson, R. H. - Sylvester Robotic Observatory, Prince George, BC, Canada, bob.nelson@shaw.ca			
RA(J2000) 00 ^h 51 ^m 00 ^s .15	Dec(J2000) +58°48'35".9	type EB?	Mag. 14.1 B, 13.7 R (USNO A2.0)
Period 0 ^d 7427		Epoch 2452974.5862	
Cross-identification(s): GSC 2.2 N311332336840 = RHN-2			

Date: 13 January 2004			
Observer(s) and affiliation(s): Sokolovsky, K.V. - Sternberg Astronomical Institute Antipin, S.V. - Sternberg Astronomical Institute and Institute of Astronomy, Russian Academy of Sciences, antipin@sai.msu.ru			
RA(J2000) 16 ^h 14 ^m 26 ^s .17	Dec(J2000) +34°47'14".0	type RRAB	Mag. 16.3 - 17.0 pg
Period 0 ^d 475637		Epoch 2442930.36	
Cross-identification(s): USNO-A2.0 1200-07798871			
RA(J2000) 16 ^h 13 ^m 24 ^s .4	Dec(J2000) +34°25'51".1	type RRAB	Mag. 16.1 - 17.1 pg
Period 0 ^d 536324		Epoch 2442926.44	
Cross-identification(s): USNO-A2.0 1200-07792474			

RA(J2000) 16 ^h 15 ^m 28 ^s .67	Dec(J2000) +26°11'02".6	type RRAB	Mag. 15.9 - 17.1 pg
---	-----------------------------------	---------------------	-------------------------------

Period 0 ^d 454522	Epoch 2442890.44
--	----------------------------

Cross-identification(s): USNO-A2.0 1125-07562489
--

RA(J2000) 16 ^h 04 ^m 41 ^s .75	Dec(J2000) +29°16'25".8	type RRAB	Mag. 14.5 - 15.9 pg
---	-----------------------------------	---------------------	-------------------------------

Period 0 ^d 605660	Epoch 2442902.44
--	----------------------------

Cross-identification(s): USNO-A2.0 1125-07492086
--

RA(J2000) 16 ^h 35 ^m 41 ^s .29	Dec(J2000) +28°24'47".8	type RRAB	Mag. 14.5 - 15.5 pg
---	-----------------------------------	---------------------	-------------------------------

Period 0 ^d 635820	Epoch 2442718.20
--	----------------------------

Cross-identification(s): GSC 02056-00419 = USNO-A2.0 1125-07713177
--

RA(J2000) 16 ^h 32 ^m 07 ^s .25	Dec(J2000) +28°47'16".6	type RRAB	Mag. 14.7 - 15.9 pg
---	-----------------------------------	---------------------	-------------------------------

Period 0 ^d 570045	Epoch 2442519.43
--	----------------------------

Cross-identification(s): GSC 02056-00812 = USNO-A2.0 1125-07685034
--

RA(J2000) 16 ^h 35 ^m 15 ^s .51	Dec(J2000) +26°55'43".0	type EW	Mag. 14.9 - 15.5 pg
---	-----------------------------------	-------------------	-------------------------------

Period 0 ^d 335543	Epoch 2442301.30
--	----------------------------

Cross-identification(s): GSC 02052-01108 = USNO-A2.0 1125-07709696
--

Date: 21 January 2004

Observer(s) and affiliation(s): Koff, R. A. - Antelope Hills Observatory, Bennett, CO USA, bob.koff@worldnet.att.net

RA(J2000) 08 ^h 31 ^m 25 ^s .25	Dec(J2000) +11°48'13".1	type EW	Mag. 13.6 - 14.2 V
---	-----------------------------------	-------------------	------------------------------

Period 0 ^d 3237	Epoch 2452642.9987
--------------------------------------	------------------------------

Cross-identification(s): GSC 0804-0118 = USNO-B2.0 1018-0170646

Date: 21 January 2004			
Observer(s) and affiliation(s): Sergeev, S. G. - Crimean Astrophysical Observatory, sergeev@crao.crimea.ua Doroshenko, V. T. - Crimean Laboratory of the Sternberg Astronomical Institute, doroshen@sai.crimea.ua Golubinskiy, Yu. V. - Crimean Astrophysical Observatory, urix@crao.crimea.ua Merkulova, N. I. - Crimean Astrophysical Observatory, nelly@crao.crimea.ua Sergeeva, E. A. - Crimean Astrophysical Observatory, selena@crao.crimea.ua			
RA(J2000) 06 ^h 51 ^m 33 ^s .5	Dec(J2000) +74°23'35"	type EA	Mag. 14.26 V
Period 0 ^d 952241		Epoch 2452727.3070	
Cross-identification(s): GSC 04371-0161			

Date: 22 January 2004			
Observer(s) and affiliation(s): Bedient, J. - University of Hawaii, bedient@hawaii.edu Richwine, P. - University of Arizona, pebbler@email.arizona.edu			
RA(J2000) 18 ^h 38 ^m 14 ^s .04	Dec(J2000) -05°31'15".1	type M	Mag. 13.6 - j15 (V)
Period 191 ^d		Epoch 2452517	
Cross-identification(s): USNO B1.0 0844-0397216 = 2MASS J18381408-0531148 = MSX6C G026.5153+00.4088			

Date: 23 January 2004			
Observer(s) and affiliation(s): Koff, R. A. - Antelope Hills Observatory, Bennett, CO USA, bob.koff@worldnet.att.net			
RA(J2000) 06 ^h 35 ^m 40 ^s .52	Dec(J2000) +42°04'14".9	type EW?	Mag. 13.4 - 13.8 V
Period 0 ^d .4388		Epoch 2453000.7148	
Cross-identification(s): GSC 2936 0478 = USNO-B1.0 1320-0191566			

Date: 26 January 2004			
Observer(s) and affiliation(s): Kosmas Gazeas - University of Athens, Athens, Greece, kgaze@skiathos.physics.auth.gr Panagiotis Niarchos - University of Athens, Athens, Greece, pniarcho@cc.uoa.gr			

RA(J2000) 14 ^h 19 ^m 41 ^s	Dec(J2000) +05°54'06"	type EW	Mag. 10.4 (V)
Period 0 ^d 56717		Epoch 2452767.3482	
Cross-identification(s): GSC 0323-0830			

Date: 26 January 2004
Observer(s) and affiliation(s): Koff, R. A. - Antelope Hills Observatory, Bennett, CO USA, bob.koff@worldnet.att.net

RA(J2000) 06 ^h 53 ^m 23 ^s .5	Dec(J2000) +19°10'24".8	type EB?	Mag. 13.6 - 14.3 V
Period 0 ^d 5997		Epoch 2452678.7571	
Cross-identification(s): USNO-A2.0 1050-04473675 = USNO-B1.0 1091-0130715			

Date: 26 January 2004
Observer(s) and affiliation(s): Nakajima, K. - Mie, Japan, K.Nakajima@zvtv.ne.jp Yoshida, S. - MISA0 Project, comet@aerith.net Kadota, K. - Ageo City, Saitama, Japan, kenic-k@astroarts.co.jp

RA(J2000) 18 ^h 43 ^m 23 ^s .82	Dec(J2000) -21°20'37".7	type EA	Mag. 13.18-13.84
Period 1 ^d 6351		Epoch 2452875.9458	
Cross-identification(s): MisV0665 = GSC 6292-01507 = USNO-A2.0 0675.29051924			

ERRATUM FOR IBVS 5500

Geert Hoogeveen reported the following error:

IBVS No.	item	printed	correct
5500	identifier (# 5)	GSC 3328-0163	GSC 6328-0163