

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

Number 5600

Konkoly Observatory
 Budapest
 7 February 2005

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.

Previous reports can be found in IBVS No. 5500.

The Editors

Date: 12 February 2004			
Observer(s) and affiliation(s): Sokolovsky, K.V. - Sternberg Astronomical Institute Antipin, S.V. - Sternberg Astron. Inst. and Inst. of Astron., Russian Acad. Sci., antipin@sai.msu.ru			
RA(J2000) 17 ^h 01 ^m 21 ^s .85	Dec(J2000) +42°09'49".9	type EW	Mag. 9.85 – 10.40 pg
Period 0 ^d 3701518		Epoch 2444423.337	
Cross-identification(s): BD+42 2782 = SAO 46441 = PPM 55859 = ADS 10314A = TYC 3080-1410-1 = GSC 03080-01410			

Date: 16 February 2004			
Observer(s) and affiliation(s): Antipin, S.V. - Sternberg Astron. Inst. and Inst. of Astron., Russian Acad. Sci., antipin@sai.msu.ru			
RA(J2000) 19 ^h 34 ^m 15 ^s .76	Dec(J2000) +19°34'13".9	type DCEP	Mag. 14.8 – 15.6 pg
Period 5 ^d 93844		Epoch 2441548.42	
Cross-identification(s): Var77 = GSC 01609-01763 = USNO-A2.0 1050-14107101			

RA(J2000) 19 ^h 37 ^m 09 ^s .22	Dec(J2000) +19°53'52".3	type EA	Mag. 14.5 – <16.6 pg
Period 29 ^d 361		Epoch 2439411.3	
Cross-identification(s): Var78 = USNO-A2.0 1050-14226626			

Date: 16 February 2004
Observer(s) and affiliation(s): Menke, John L. - Menke Scientific, Ltd., john@menkescientific.com

RA(J2000) 05 ^h 30 ^m 19 ^s .05	Dec(J2000) +23°51'26".8	type EW	Mag. 11.02 Mpg (GSC)
Period 0 ^d 3478		Epoch 2453001.6425	
Cross-identification(s): GSC 1848-1264 = 1RSX J053021.5+235116			

Date: 12 March 2004
Observer(s) and affiliation(s): Otero, S.A. - Grupo Wezen & CEA, Argentina, varsao@fullzero.com.ar Greaves, J. - Borrowdale Walk, Northampton, UK Wils, P. - Vereniging Voor Sterrenkunde, Belgium, patrick.wils@cronos.be Pojmanski, G., - ASAS, http://www.astro.uw.edu.pl/~gp/asas

RA(J2000) 12 ^h 26 ^m 18 ^s	Dec(J2000) –25°46'.3	type EW	Mag. 12.36 – 13.05 (V)
Period 0 ^d 371497		Epoch 2452386.640	
Cross-identification(s): GSC 6686-0470 = ASAS 122618-2546.3			

RA(J2000) 13 ^h 28 ^m 02 ^s	Dec(J2000) –27°29'.8	type EW	Mag. 12.5: – 13.1: (V)
Period 0 ^d 302559		Epoch 2452488.507	
Cross-identification(s): GSC 6721-1046 = ASAS 132802-2729.8			

RA(J2000) 13 ^h 08 ^m 07 ^s	Dec(J2000) –32°54'.2	type EB/KW	Mag. 12.10 – 12.95: (V)
Period 0 ^d 410756		Epoch 2452699.756	
Cross-identification(s): GSC 7254-1129 = ASAS 130807-3254.2			

RA(J2000) 13 ^h 07 ^m 41 ^s	Dec(J2000) −37°29′5	type EW	Mag. 11.82 – 12.62 (V)
Period 0 ^d 370469		Epoch 2452712.825	
Cross-identification(s): GSC 7262-0222 = ASAS 130741-3729.5			
RA(J2000) 13 ^h 29 ^m 06 ^s	Dec(J2000) −30°07′8	type EB	Mag. 11.82 – 12.50 (V)
Period 0 ^d 539643		Epoch 2451924.831	
Cross-identification(s): GSC 7264-2486 = ASAS 132906-3007.8			
RA(J2000) 13 ^h 28 ^m 11 ^s	Dec(J2000) −33°23′8	type EW	Mag. 12.70 – 13.65 (V)
Period 0 ^d 389941		Epoch 2452452.468	
Cross-identification(s): GSC 7268-0147 = ASAS 132811-3323.8			
RA(J2000) 13 ^h 33 ^m 57 ^s	Dec(J2000) −31°53′3	type EB/KW	Mag. 12.75 – 13.5 (V)
Period 0 ^d 323526		Epoch 2452760.748	
Cross-identification(s): GSC 7269-0178 = ASAS 133357-3153.3			
RA(J2000) 14 ^h 28 ^m 33 ^s	Dec(J2000) −32°08′4	type EW	Mag. 10.65 – 11.30 (V)
Period 0 ^d 399114		Epoch 2451924.880	
Cross-identification(s): GSC 7299-1814 = ASAS 142833-3208.4			
RA(J2000) 21 ^h 02 ^m 39 ^s	Dec(J2000) −35°43′6	type EW/KW	Mag. 12.63 – 13.35: (V)
Period 0 ^d 286687		Epoch 2452893.712	
Cross-identification(s): GSC 7483-0259 = ASAS 210239-3543.6			
RA(J2000) 21 ^h 47 ^m 30 ^s	Dec(J2000) −37°15′9	type EW	Mag. 11.85 – 12.55 (V)
Period 0 ^d 421347		Epoch 2452177.531	
Cross-identification(s): GSC 7493-0278 = ASAS 214730-3715.9			

RA(J2000) 21 ^h 40 ^m 04 ^s	Dec(J2000) −35°33′1	type EW	Mag. 12.66 – 13.4 (V)
Period 0 ^d 371960		Epoch 2452068.751	
Cross-identification(s): GSC 7493-1749 = ASAS 214004-3533.1			
RA(J2000) 23 ^h 28 ^m 01 ^s	Dec(J2000) −33°59′8	type EW	Mag. 12.13 – 12.87 (V)
Period 0 ^d 385588		Epoch 2452940.676	
Cross-identification(s): GSC 7517-0234 = ASAS 232801-3359.8			
RA(J2000) 12 ^h 44 ^m 53 ^s	Dec(J2000) −42°44′2	type EW	Mag. 11.17 – 11.75 (V)
Period 0 ^d 370790		Epoch 2452738.684	
Cross-identification(s): GSC 7779-0761 = ASAS 124453-4244.2			
RA(J2000) 13 ^h 35 ^m 02 ^s	Dec(J2000) −42°19′7	type EB	Mag. 11.37 – 11.98 (V)
Period 0 ^d 613378		Epoch 2451996.681	
Cross-identification(s): GSC 7796-2177 = ASAS 133502-4219.7			
RA(J2000) 13 ^h 56 ^m 43 ^s	Dec(J2000) −42°24′3	type EW	Mag. 10.71 – 11.35 (V)
Period 0 ^d 506878		Epoch 2451979.678	
Cross-identification(s): GSC 7798-0500 = ASAS 135643-4224.3			
RA(J2000) 15 ^h 09 ^m 23 ^s	Dec(J2000) −42°55′2	type EW	Mag. 12.2 – 12.7 (V)
Period 0 ^d 67957		Epoch 2452134.159	
Cross-identification(s): GSC 7829-2155 = ASAS 150923-4255.2			
RA(J2000) 15 ^h 16 ^m 43 ^s	Dec(J2000) −42°28′2	type EW	Mag. 11.6 – 11.9: (V)
Period 0 ^d 347743		Epoch 2451985.788	
Cross-identification(s): GSC 7830-0168 = ASAS 151643-4228.2			

RA(J2000) 14 ^h 42 ^m 10 ^s	Dec(J2000) −43°20′1	type EW	Mag. 10.42 – 10.70 (V)
Period 0 ^d 489307		Epoch 2452038.659	
Cross-identification(s): GSC 7831-0069 = ASAS 144210-4320.1			
RA(J2000) 14 ^h 45 ^m 42 ^s	Dec(J2000) −44°36′7	type EW	Mag. 12.32 – 12.82 (V)
Period 0 ^d 385957		Epoch 2452738.722	
Cross-identification(s): GSC 7831-0540 = ASAS 144542-4436.7			
RA(J2000) 14 ^h 49 ^m 57 ^s	Dec(J2000) −43°28′2	type EW	Mag. 11.35 – 11.78 (V)
Period 0 ^d 365618		Epoch 2452813.674	
Cross-identification(s): GSC 7831-0755 = ASAS 144957-4328.2			
RA(J2000) 14 ^h 42 ^m 26 ^s	Dec(J2000) −45°58′1	type EW/KW	Mag. 12.35 – 13.35 (V)
Period 0 ^d 251562		Epoch 2452502.542	
Cross-identification(s): GSC 8279-0997 = ASAS 144226-4558.1			
RA(J2000) 21 ^h 24 ^m 47 ^s	Dec(J2000) −47°10′9	type EW	Mag. 12.10 – 12.88 (V)
Period 0 ^d 362746		Epoch 2452872.914	
Cross-identification(s): GSC 8427-0556 = ASAS 212447-4710.9			
RA(J2000) 22 ^h 23 ^m 26 ^s	Dec(J2000) −47°10′2	type EB	Mag. 12.35 – 12.9 (V)
Period 0 ^d 78391		Epoch 2452566.652	
Cross-identification(s): GSC 8439-1269 = ASAS 222326-4710.2			
RA(J2000) 14 ^h 37 ^m 37 ^s	Dec(J2000) −61°08′8	type EA/KE:	Mag. 11.97 – 12.96 (V)
Period 3 ^d 17071		Epoch 2451939.218	
Cross-identification(s): GSC 9007-5764 = ASAS 143737-6108.8			

RA(J2000) 15 ^h 59 ^m 06 ^s	Dec(J2000) −63°17′8	type EW/KW	Mag. 10.46 – 11.20 (V)
Period 0 ^d .266768		Epoch 2452151.542	
Cross-identification(s): GSC 9027-4849 = ASAS 155906-6317.8			

Date: 17 March 2004			
Observer(s) and affiliation(s): Nakajima, K. - Mie, Japan, K.Nakajima@zvtv.ne.jp Yoshida, S. - MISA0 Project, comet@ aerith.net Ohkura, N. - Okayama, Japan, HAE00500@nifty.ne.jp Kadota, K. - MISA0 Project, kenic-k@astroarts.co.jp			

RA(J2000) 00 ^h 26 ^m 49 ^s .46	Dec(J2000) +41°49′08″.9	type EA	Mag. 12.64 – 13.24
Period 1 ^d .5829		Epoch 2452900.1019	
Cross-identification(s): MisV1095 = GSC 2791-02148 = USNO-A2.0 1275.00278138			

RA(J2000) 00 ^h 56 ^m 44 ^s .22	Dec(J2000) +41°29′23″.1	type EW	Mag. 13.48 – 14.25
Period 0 ^d .4696		Epoch 2452930.9602	
Cross-identification(s): MisV1096 = GSC 2806-01699 = USNO-A2.0 1275.00565192			

RA(J2000) 01 ^h 15 ^m 28 ^s .73	Dec(J2000) +41°19′59″.3	type EW	Mag. 13.04 – 13.74
Period 0 ^d .4688		Epoch 2452914.2861	
Cross-identification(s): MisV1097 = GSC 2808-00139 = USNO-A2.0 1275.00747331			

RA(J2000) 22 ^h 39 ^m 58 ^s .95	Dec(J2000) +47°20′16″.4	type EA	Mag. 13.50 – 14.8
Period 4 ^d .4479		Epoch 2452913.1151	
Cross-identification(s): MisV1140 = GSC 3624-01696 = USNO-A2.0 1350.17102713			

RA(J2000) 23 ^h 18 ^m 59 ^s .22	Dec(J2000) +48°31′30″.8	type EB	Mag. 13.80 – 15.14
Period 0 ^d .9784		Epoch 2452958.0826	
Cross-identification(s): MisV1220 = GSC 3640-00577 = USNO-A2.0 1350.18116859			

RA(J2000) 04 ^h 01 ^m 01 ^s .17	Dec(J2000) +55°11'09".8	type EB:	Mag. 12.68 – 14.04
---	-----------------------------------	--------------------	------------------------------

Period 2 ^d 6092	Epoch 2453003.2500
--------------------------------------	------------------------------

Cross-identification(s): MisV1225 = GSC 3722-00767 = USNO-A2.0 1425.04750344
--

RA(J2000) 04 ^h 40 ^m 24 ^s .45	Dec(J2000) +55°25'14".2	type EW	Mag. 12.94 – 13.54
---	-----------------------------------	-------------------	------------------------------

Period 0 ^d 3662	Epoch 2452975.3307
--------------------------------------	------------------------------

Cross-identification(s): MisV1226 = GSC 3737-01085 = USNO-A2.0 1425.05422897
--

RA(J2000) 00 ^h 35 ^m 39 ^s .47	Dec(J2000) +54°55'44".4	type EA	Mag. 12.93 – 13.51
---	-----------------------------------	-------------------	------------------------------

Period 2 ^d 7129	Epoch 2453002.1207
--------------------------------------	------------------------------

Cross-identification(s): MisV1227 = GSC 3658-00307 = USNO-A2.0 1425.00841436
--

Date: 24 March 2004

Observer(s) and affiliation(s): Wils, Patrick - Vereniging Voor Sterrenkunde, Belgium Greaves, J. - Borrowdale Walk, Northampton, UK SkyDOT team - http://skydot.lanl.gov
--

RA(J2000) 02 ^h 14 ^m 26 ^s .6	Dec(J2000) +59°45'12".	type GCAS	Mag. 11.3 – 10.8 ROTSE1
--	----------------------------------	---------------------	--------------------------------------

Period –	Epoch –
--------------------	-------------------

Cross-identification(s): GSC 03698-00449 = VES 721 (Halpa) = LS I +59 115 = ALS 6999
--

Date: 29 March 2004

Observer(s) and affiliation(s): Nakajima, K. - Mie, Japan, K.Nakajima@zvtv.ne.jp Yoshida, S. - MISAQ Project, comet@aerith.net Ohkura, N. - Okayama, Japan, HAE00500@nifty.ne.jp Kadota, K. - Ageo City, Saitama, Japan, kenic-k@astroarts.co.jp

RA(J2000) 21 ^h 00 ^m 17 ^s .97	Dec(J2000) +27°52'56".1	type EA	Mag. 12.14 – 12.81 (V)
---	-----------------------------------	-------------------	----------------------------------

Period 3 ^d 0421	Epoch 2452871.0792
--------------------------------------	------------------------------

Cross-identification(s): MisV1061 = GSC 2180-00207 = USNO-A2.0 1125.17620700
--

RA(J2000) 20 ^h 14 ^m 38 ^s .61	Dec(J2000) +41°56'14".3	type EB:	Mag. 13.79 – 15.03
Period 0 ^d 6331		Epoch 2452873.9913	
Cross-identification(s): MisV1105 = GSC 3159-01247 = USNO-A2.0 1275.13699980			

Date: 29 March 2004
Observer(s) and affiliation(s): Greaves, J. - Northampton, UK SkyDOT team - http://skydot.lanl.gov Pojmanski, G., - ASAS, http://www.astrouw.edu.pl/gp/asas

A list of over four hundred objects in the Northern Halpha emission catalogue of Kohoutek & Wehmeyer (1999) that are flagged as being OB stars was checked against the online archives of the the Northern Star Variability Survey (NSVS) and/or All Sky Automated Survey (ASAS, which currently covers the sky only south of around +30) for objects showing evident secular variation or outbursting activity.

RA(J2000) 01 ^h 16 ^m 16 ^s .7	Dec(J2000) +63°31'52"	type BE	Mag. 11.7 – 11.9 ROTSE1
Period –		Epoch –	
Cross-identification(s): GSC 04034 00200 = [KW97] 5-15 = ALS 6509 = LS I +63 140			

RA(J2000) 18 ^h 53 ^m 54 ^s .9	Dec(J2000) –00°48'12"	type BE	Mag. 11.9 – 12.1 (V)
Period –		Epoch –	
Cross-identification(s): GSC 05115 01862 = [KW97] 35-19 = SS 426 (Halpha)			

RA(J2000) 19 ^h 28 ^m 52 ^s .3	Dec(J2000) +27°10'02"	type BE	Mag. 12.4 – 12.7 (V)
Period –		Epoch –	
Cross-identification(s): GSC 02133 01034 = EM* AS 357 = HBHA 2702-03 = ALS 10307 = LS II +27 4 = MSX6C G061.2134+04.5572			

RA(J2000) 06 ^h 33 ^m 26 ^s .6	Dec(J2000) –00°04'30"	type GCAS	Mag. 10.8 – 10.5 (V)
Period –		Epoch –	
Cross-identification(s): HD 291802 = [KW97] 29-49 = SS 47 (Halpha) = ASAS3 063326-0004.5			

RA(J2000) 18 ^h 57 ^m 50 ^s .4	Dec(J2000) +01°31'15"	type GCAS	Mag. 11.3 – 11.0 (V)
Period –	Epoch –		
Cross-identification(s): GSC 00449 00275 = HBHA 203-09 = [KW97] 35-31 = SS 427 (Halpa) = MSX6C G035.0160-00.7307			
RA(J2000) 19 ^h 22 ^m 30 ^s .8	Dec(J2000) +11°57'34"	type GCAS	Mag. 10.8 – 10.5 ROTSE1
Period –	Epoch –		
Cross-identification(s): GSC 01050 00569 = EM* AS 355 = [KW97] 37-11 = ALS 10268 = LS IV +11 9			
RA(J2000) 20 ^h 20 ^m 27 ^s .3	Dec(J2000) +37°09'58"	type GCAS:	Mag. 11.6 – 11.2 ROTSE1
Period –	Epoch –		
Cross-identification(s): GSC 02684 00589 = EM* CDS 1155 = [KW97] 45-30 = ALS 11186 = LS II +37 68			
RA(J2000) 20 ^h 21 ^m 56 ^s .8	Dec(J2000) +36°39'50"	type GCAS	Mag. 11.7 – 11.3 ROTSE1
Period –	Epoch –		
Cross-identification(s): GSC 02684 00514 = EM* CDS 4661 = [KW97] 45-51 = ALS 11224 = LS II +36 68 = ISOGAL-P-J202157.1+363945			
RA(J2000) 20 ^h 25 ^m 31 ^s .9	Dec(J2000) +44°54'15"	type GCAS	Mag. 11.8 – 11.4 ROTSE1
Period –	Epoch –		
Cross-identification(s): GSC 03164 00140 = EM* CDS 1169 = [KW97] 46-40 = ALS 11336 = LS III +44 15			
RA(J2000) 22 ^h 57 ^m 14 ^s .8	Dec(J2000) +57°28'45"	type GCAS	Mag. 11.1 – 10.7 ROTSE1
Period –	Epoch –		
Cross-identification(s): GSC 03993 01433 = EM* CDS 1423 = [KW97] 66-37 = ALS 12706 = LS III +57 107			

RA(J2000) 23 ^h 01 ^m 09 ^s .6	Dec(J2000) +59°56'41"	type GCAS	Mag. 11.7 – 11.2 ROTSE1
Period –		Epoch –	
Cross-identification(s): GSC 03997 1517 = EM* CDS 5187 = [KW97] 66-56 = ALS 12737 = LS III +59 36			

Date: 2 April 2004
Observer(s) and affiliation(s): Nakajima, K. - Mie, Japan, K.Nakajima@ztv.ne.jp Yoshida, S. - MISA0 Project, comet@aerith.net Ohkura, N. - Okayama, Japan, HAE00500@nifty.ne.jp

RA(J2000) 23 ^h 50 ^m 17 ^s .12	Dec(J2000) +51°11'29".1	type EB:	Mag. 13.61 – 14.71
Period 0 ^d .4288		Epoch 2452937.0855	
Cross-identification(s): MisV1222 = GSC 3651-00655 = USNO-A2.0 1350.18742581			

RA(J2000) 00 ^h 12 ^m 02 ^s .69	Dec(J2000) +55°05'19".6	type EW	Mag. 11.97 – 12.61
Period 1 ^d 0650		Epoch 2452960.2298	
Cross-identification(s): MisV1239 = GSC 3656-01495 = USNO-A2.0 1425.00290138			

Date: 7 April 2004
Observer(s) and affiliation(s): Galeev, A. I. - Kazan State University, Department of Astronomy,almaz@ksu.ru

RA(J2000) 06 ^h 58 ^m 08 ^s .12	Dec(J2000) –07°17'46".0	type DSCT	Mag. 11.13 – 11.15 (V)
Period 0 ^d 0337062		Epoch 2452994.487	
Cross-identification(s): GSC 4813-0981 = TYC 4813- 981-1			

Date: 15 April 2004			
Observer(s) and affiliation(s): Quester, W. - BAV, Germany, wquester@aol.com Frank, P. - BAV, Germany, frank.velden@t-online.de Bernhard, K. - BAV, Austria, kl.bernhard@aon.at			
RA(J2000) 19 ^h 45 ^m 53 ^s .27	Dec(J2000) +32°13'34".1	type SR	Mag. 13.4 – 14.4 (R)
Period –		Epoch –	
Cross-identification(s): Qu2 = USNO-A2.0 1200-13096580 = 2MASS J194553.27+321335.02			
RA(J2000) 19 ^h 45 ^m 43 ^s .43	Dec(J2000) +32°10'01".6	type EW	Mag. 13.7 – 14.0 (V)
Period 0 ^d 648886		Epoch 2452517.448	
Cross-identification(s): Fr5 = USNO-A2.0 1200-13084491			
RA(J2000) 05 ^h 26 ^m 20 ^s .2	Dec(J2000) +15°37'00".1	type EW	Mag. 12.4 – 12.8 (V)
Period 0 ^d 71738		Epoch 2453059.568	
Cross-identification(s): Brh V144 = GSC 1296.0975 = USNO-B1.0 1056-0077597			
Date: 30 April 2004			
Observer(s) and affiliation(s): Husar, Dieter - BAV, Himmelsmoor-Private-Observatory, Himmelsmoor 18, D-22397 Hamburg, Germany, husar.d@gmx.de			
RA(J2000) 23 ^h 42 ^m 33 ^s .8	Dec(J2000) +56°11'20"	type dSct:	Mag. 10.55 – 10.63 (V-inst.)
Period 0 ^d 139		Epoch –	
Cross-identification(s): GSC 04004-00249 = TYC 4004-249-1			

Date: 5 May 2004			
Observer(s) and affiliation(s): Krisciunas, K. - University of Notre Dame, kkrisciu@cygnus.phys.nd.edu Candia, P. - Cerro Tololo Inter-American Observatory, pcandia@ctio.noao.edu Suntzeff, N. B. - Cerro Tololo Inter-American Observatory, nsuntzeff@noao.edu			
RA(J2000) 12 ^h 47 ^m 37 ^s .0	Dec(J2000) −39°32′43″	type RRab	Mag. 16.72 – 16.20 (V)
Period 0 ^d 6405 ± 0 ^d 0002		Epoch 2452101.34	
Cross-identification(s): GSC2.2 S23202122078			

Date: 25 May 2004			
Observer(s) and affiliation(s): Liesmann, Jürgen - Ehrenburg, Germany liesmann@ra-dec.de Quester, Wolfgang - Germany WQUESTER@aol.com Frank, Peter - Velden, Germany, BAV, frank.velden@t-online.de			
RA(J2000) 21 ^h 28 ^m 13 ^s .68	Dec(J2000) +11°57′44″.9	type EB	Mag. 11.95 (V, max)
Period 1 ^d 4797 ± 0 ^d 0005		Epoch 2452900.61	
Cross-identification(s): Lsm1 = GSC 1127-1808			

Date: 30 June 2004			
Observer(s) and affiliation(s): L. Bernasconi - Les Engarouines Observatory, F-84570 Mallemort-du-Comtat, France, laurent.bernasconi.51@wanadoo.fr R. Behrend - Geneva Observatory, CH-1290 Sauverny, Switzerland, raoul.behrend@obs.unige.ch C. Rinner - Ottmarsheim Observatory, 5 rue du Lièvre, F-68490 Ottmarsheim, France, rinnerc@wanadoo.fr			
RA(J2000) 00 ^h 00 ^m 18 ^s .20	Dec(J2000) +19°32′55″.5	type RR	Mag. 15.3
Period 0 ^d 54540		Epoch 2452550.361	
Cross-identification(s): GSC 1181-1005			
RA(J2000) 03 ^h 51 ^m 26 ^s .19	Dec(J2000) +17°15′35″.4	type EW	Mag. 14.8
Period 0 ^d 350461		Epoch 2452612.590	
Cross-identification(s): GSC 1252-558			

RA(J2000) 10 ^h 56 ^m 03 ^s .07	Dec(J2000) +20°40'40".1	type EW	Mag. 14.9
Period 0 ^d 31738		Epoch 2452721.526	
Cross-identification(s): GSC 1435-477			
RA(J2000) 09 ^h 04 ^m 04 ^s .82	Dec(J2000) +17°51'25".7	type EW	Mag. 16.0
Period 0 ^d 2876726		Epoch 2452721.274	
Cross-identification(s): USNO-A2.0 1050-5946346			
RA(J2000) 09 ^h 00 ^m 51 ^s .40	Dec(J2000) +34°22'36".0	type EW	Mag. 13.0
Period 0 ^d 2937757		Epoch 2452721.298	
Cross-identification(s): GSC 2495-1146			
RA(J2000) 14 ^h 42 ^m 12 ^s .52	Dec(J2000) +03°24'14".2	type EW	Mag. 12.2
Period 0 ^d 350954		Epoch 2452766.289	
Cross-identification(s): GSC 329-639			
RA(J2000) 14 ^h 41 ^m 25 ^s .72	Dec(J2000) +03°39'00".2	type EW	Mag. 14.0
Period 0 ^d 2598830		Epoch 2452788.307	
Cross-identification(s): GSC 329-256			
RA(J2000) 14 ^h 24 ^m 04 ^s .72	Dec(J2000) −11°24'53".8	type RR	Mag. 14.2
Period 0 ^d 552574		Epoch 2452788.419	
Cross-identification(s): GSC 5570-331			
RA(J2000) 20 ^h 42 ^m 43 ^s .80	Dec(J2000) −09°05'45".1	type DSCT ?	Mag. 13.6
Period 0 ^d 083195		Epoch 2452854.527	
Cross-identification(s): GSC 5756-277			

RA(J2000) 20 ^h 43 ^m 15 ^s .74	Dec(J2000) −09°09′28″.2	type RR	Mag. 13.1
---	-----------------------------------	-------------------	---------------------

Period 0 ^d 51217	Epoch 2452854.328
---------------------------------------	-----------------------------

Cross-identification(s): GSC 5756-373

RA(J2000) 20 ^h 04 ^m 55 ^s .85	Dec(J2000) +01°21′56″.9	type EB	Mag. 11.8
---	-----------------------------------	-------------------	---------------------

Period 0 ^d 67856	Epoch 2452874.574
---------------------------------------	-----------------------------

Cross-identification(s): GSC 494-587
--

RA(J2000) 05 ^h 30 ^m 19 ^s .09	Dec(J2000) +23°51′26″.7	type EW	Mag. 11.1
---	-----------------------------------	-------------------	---------------------

Period 0 ^d 34767	Epoch 2453000.246
---------------------------------------	-----------------------------

Cross-identification(s): GSC 1848-1264
--

Date: 30 June 2004

Observer(s) and affiliation(s): C. Demeautis - Village-Neuf Observatory, 9 rue de Huningue, F-68300 Saint-Louis, France, sky.walker@wanadoo.fr D. Matter - Village-Neuf Observatory, 9 rue de Huningue, F-68300 Saint-Louis, France, sky.walker@wanadoo.fr R. Behrend - Geneva Observatory, CH-1290 Sauverny, Switzerland, raoul.behrend@obs.unige.ch C. Rinner - Ottmarsheim Observatory, 5 rue du Lièvre, F-68490 Ottmarsheim, France, rinnerc@wanadoo.fr
--

RA(J2000) 12 ^h 35 ^m 32 ^s .04	Dec(J2000) +14°19′33″.5	type EW/EB	Mag. 12.3
---	-----------------------------------	----------------------	---------------------

Period 0 ^d 58283	Epoch 2452763.558
---------------------------------------	-----------------------------

Cross-identification(s): GSC 880-55

RA(J2000) 21 ^h 30 ^m 01 ^s .50	Dec(J2000) +15°26′45″.0	type EW	Mag. 13.8
---	-----------------------------------	-------------------	---------------------

Period 0 ^d 40673	Epoch 2452855.701
---------------------------------------	-----------------------------

Cross-identification(s): GSC 1664-249

RA(J2000) 21 ^h 29 ^m 47 ^s .95	Dec(J2000) +15°28'32".3	type EW	Mag. 13.5
Period 0 ^d 312995		Epoch 2452854.540	
Cross-identification(s): GSC 1664-1837			

Date: 30 June 2004
Observer(s) and affiliation(s): C. Demeautis - Village-Neuf Observatory, 9 rue de Huningue, F-68300 Saint-Louis, France, sky.walker@wanadoo.fr D. Matter - Village-Neuf Observatory, 9 rue de Huningue, F-68300 Saint-Louis, France, sky.walker@wanadoo.fr V. Cotrez - Saint-Hélène Observatory, 6 route des Tronquats, F-33480 Saint-Hélène, France, vincentcotrez@yahoo.fr R. Behrend - Geneva Observatory, CH-1290 Sauverny, Switzerland, raoul.behrend@obs.unige.ch C. Rinner - Ottmarsheim Observatory, 5 rue du Lièvre, F-68490 Ottmarsheim, France, rinnerc@wanadoo.fr

RA(J2000) 20 ^h 55 ^m 01 ^s .27	Dec(J2000) −06°57'55".1	type EW	Mag. 13.3
Period 0 ^d 240932		Epoch 2452877.467	
Cross-identification(s): GSC 5191-625			

RA(J2000) 20 ^h 53 ^m 56 ^s .03	Dec(J2000) −06°32'01".3	type EW	Mag. 13.8
Period 0 ^d 40210		Epoch 2452877.558	
Cross-identification(s): GSC 5191-853			

Date: 30 June 2004
Observer(s) and affiliation(s): C. Rinner - Ottmarsheim Observatory, 5 rue du Lièvre, F-68490 Ottmarsheim, France, rinnerc@wanadoo.fr R. Behrend - Geneva Observatory, CH-1290 Sauverny, Switzerland, raoul.behrend@obs.unige.ch

RA(J2000) 20 ^h 54 ^m 13 ^s .34	Dec(J2000) −08°18'37".2	type EW	Mag. 16.2
Period 0 ^d 25325		Epoch 2452887.681	
Cross-identification(s): USNO-A2.0 750-20488243			

RA(J2000) 20 ^h 54 ^m 38 ^s .05	Dec(J2000) −07°38′55″.6	type EW	Mag. 16.0
Period 0 ^d .2694		Epoch 2452887.526	
Cross-identification(s): USNO-A2.0 750-20493453			

Date: 30 June 2004
Observer(s) and affiliation(s): L. Bernasconi - Les Engarouines Observatory, F-84570 Malle-mort-du-Comtat, France, laurent.bernasconi.51@wanadoo.fr R. Santallo - Southern Stars Observatory, Pamatai, Tahiti, French Polynesia, webmaster@southernstars-observatory.org R. Behrend - Geneva Observatory, CH-1290 Sauverny, Switzerland, raoul.behrend@obs.unige.ch C. Rinner - Ottmarsheim Observatory, 5 rue du Lièvre, F-68490 Ottmarsheim, France, rinnerc@wanadoo.fr

RA(J2000) 14 ^h 19 ^m 52 ^s .42	Dec(J2000) −06°23′02″.8	type RR	Mag. 14.2
Period 0 ^d .492750		Epoch 2452411.575	
Cross-identification(s): GSC 4982-1039			

Date: 30 June 2004
Observer(s) and affiliation(s): N. Waelchli - F.-X. Bagnoud Observatory, CH-3961 St-Luc, Switzerland, info@ofxb.ch C. Demeautis - Village-Neuf Observatory, 9 rue de Huingue, F-68300 Saint-Louis, France, sky.walker@wanadoo.fr L. Bernasconi - Les Engarouines Observatory, F-84570 Malle-mort-du-Comtat, France, laurent.bernasconi.51@wanadoo.fr R. Behrend - Geneva Observatory, CH-1290 Sauverny, Switzerland, raoul.behrend@obs.unige.ch C. Rinner - Ottmarsheim Observatory, 5 rue du Lièvre, F-68490 Ottmarsheim, France, rinnerc@wanadoo.fr

RA(J2000) 13 ^h 50 ^m 48 ^s .79	Dec(J2000) +01°33′18″.5	type EW	Mag. 15.4
Period 0 ^d .2564941		Epoch 2452419.578	
Cross-identification(s): USNO-A2.0 900-7503929			

Date: 30 June 2004			
Observer(s) and affiliation(s): C. Demeautis - Village-Neuf Observatory, 9 rue de Huningue, F-68300 Saint-Louis, France, sky.walker@wanadoo.fr R. Roy - Blauvac Observatory, F-84570 St-Estève, France, rene.roy@wanadoo.fr D. Matter - Village-Neuf Observatory, 9 rue de Huningue, F-68300 Saint-Louis, France, sky.walker@wanadoo.fr R. Behrend - Geneva Observatory, CH-1290 Sauverny, Switzerland, raoul.behrend@obs.unige.ch C. Rinner - Ottmarsheim Observatory, 5 rue du Lièvre, F-68490 Ottmarsheim, France, rinnerc@wanadoo.fr			
RA(J2000) 21 ^h 00 ^m 47 ^s .51	Dec(J2000) +14°52'46".3	type EW	Mag. 12.4
Period 0 ^d 631308		Epoch 2452497.69	
Cross-identification(s): GSC 1115-672			

Date: 30 June 2004			
Observer(s) and affiliation(s): R. Roy - Blauvac Observatory, F-84570 St-Estève, France, rene.roy@wanadoo.fr L. Bernasconi - Les Engarouines Observatory, F-84570 Mallemort-du-Comtat, France, laurent.bernasconi.51@wanadoo.fr R. Behrend - Geneva Observatory, CH-1290 Sauverny, Switzerland, raoul.behrend@obs.unige.ch C. Rinner - Ottmarsheim Observatory, 5 rue du Lièvre, F-68490 Ottmarsheim, France, rinnerc@wanadoo.fr			
RA(J2000) 17 ^h 15 ^m 36 ^s .77	Dec(J2000) -10°06'42".0	type EW	Mag. 12.9
Period 0 ^d 54564		Epoch 2452827.284	
Cross-identification(s): GSC 5649-113			

Date: 30 June 2004			
Observer(s) and affiliation(s): L. Bernasconi - Les Engarouines Observatory, F-84570 Mallemort-du-Comtat, France, laurent.bernasconi.51@wanadoo.fr D. Starkey - DeKalb Observatory, 2507 CR 60, Auburn, IN 46706, USA, starkey73@mchsi.com A. Klotz - TAROT, Haute-Provence Observatory, F-04870 St-Michel l'Observatoire, France, alain.klotz@cesr.fr R. Behrend - Geneva Observatory, CH-1290 Sauverny, Switzerland, raoul.behrend@obs.unige.ch C. Rinner - Ottmarsheim Observatory, 5 rue du Lièvre, F-68490 Ottmarsheim, France, rinnerc@wanadoo.fr			
RA(J2000) 05 ^h 02 ^m 02 ^s .29	Dec(J2000) +42°37'55".6	type EW	Mag. 12.9
Period 0 ^d 39788		Epoch 2452999.230	
Cross-identification(s): GSC 2903-237			

Date: 30 June 2004			
Observer(s) and affiliation(s): R. Roy - Blauvac Observatory, F-84570 St-Estève, France, rene.roy@wanadoo.fr R. Behrend - Geneva Observatory, CH-1290 Sauverny, Switzerland, raoul.behrend@obs.unige.ch C. Rinner - Ottmarsheim Observatory, 5 rue du Lièvre, F-68490 Ottmarsheim, France, rinnerc@wanadoo.fr			
RA(J2000) 07 ^h 12 ^m 07 ^s .26	Dec(J2000) +25°57'50".1	type EB	Mag. 15.2
Period 0 ^d 42310		Epoch 2452999.336	
Cross-identification(s): USNO-A2.0 1125-04937012			

Date: 30 June 2004
Observer(s) and affiliation(s): S. Sposetti - Gnosca Observatory, CH-6525 Gnosca, Switzerland, stefanosposetti@freesurf.ch R. Behrend - Geneva Observatory, CH-1290 Sauverny, Switzerland, raoul.behrend@obs.unige.ch D. Starkey - DeKalb Observatory, 2507 CR 60, Auburn, IN 46706, USA, starkey73@mchsi.com R. Durkee - Shed of Science Observatory, 5213 Washburn Ave. S., Minneapolis, MN 55410, USA, russdurkee@earthlink.com R. Roy - Blauvac Observatory, F-84570 St-Estève, France, rene.roy@wanadoo.fr L. Bernasconi - Les Engarouines Observatory, F-84570 Mallemort-du-Comtat, France, laurent.bernasconi.51@wanadoo.fr A. Klotz - TAROT, Haute-Provence Observatory, F-04870 St-Michel l'Observatoire, France, alain.klotz@cesr.fr N. Waelchli - F.-X. Bagnoud Observatory, CH-3961 St-Luc, Switzerland, info@ofxb.ch D. Pray - Carbuncle Hill Observatory, P.O. Box 946, Coventry, RI 02816, USA, dppray@hotmail.com C. Rinner - Ottmarsheim Observatory, 5 rue du Lièvre, F-68490 Ottmarsheim, France, rinnerc@wanadoo.fr

RA(J2000) 06 ^h 59 ^m 47 ^s .30	Dec(J2000) +22°29'48".6	type EW	Mag. 12.5
Period 0 ^d .25614		Epoch 2453051.3060	
Cross-identification(s): GSC 1356-2826			

Date: 21 September 2004			
Observer(s) and affiliation(s): Otero, S.A. - Grupo Wezen 1 88 & CEA, Argentina, varsao@fullzero.com.ar Pojmanski, G. - ASAS, http://www.astrouw.edu.pl/~gp/asas			
RA(J2000) 13 ^h 32 ^m 25 ^s .26	Dec(J2000) -74°36'35".8	type RRC	Mag. 8.17 - 8.35 (V)
Period 0 ^d .369054		Epoch 2452704.788	
Cross-identification(s): HD 117316 = CPD -73 1158 = GSC 9254-1886 = ASAS 133226-7436.6			

Date: 18 October 2004			
Observer(s) and affiliation(s): Michael Sallman - Roseville, MN USA, TASS, AAVSO, msallman@pro-ns.net Thomas Droege - Batavia, IL USA, TASS http://www.tass-survey.org			
RA(J2000) 19 ^h 15 ^m 12 ^s .13	Dec(J2000) +39°42'50".5	type SRd	Mag. 10.3 – 11.2 (V)
Period 125 ^d .4		Epoch 2453221.1 (max)	
Cross-identification(s): GSC 3125-2395 = IRAS 19135+3937			

Date: 11 November 2004			
Observer(s) and affiliation(s): Roger Persson - Takkullevagen 1254, 430 63 Hindas, Sweden, regulus1@telia.com			
Object found on POSS-II (epoch: 1991.672) is not visible on POSS-I (epoch: 1953.830).			
RA(J2000) 22 ^h 53 ^m 33 ^s .4	Dec(J2000) +62°32'23"	type FUor? EXor?	Mag. 15.72(R)
Period –		Epoch –	
Cross-identification(s): Persson's star = USNO-B1.0 1525-0418304			

Date: 17 November 2004			
Observer(s) and affiliation(s): Antipin, S.V. - Sternberg Astron. Inst. and Inst. of Astron., Russian Acad. Sci., antipin@sai.msu.ru			
RA(J2000) 21 ^h 54 ^m 30 ^s .15	Dec(J2000) +35°51'46".2	type EW	Mag. 14.6 (r, USNO-A2.0)
Period 0 ^d .442868		Epoch 2452543.250	
Cross-identification(s): Antipin V81 = USNO-A2.0 1200-18678842 = USNO-B1.0 1258-0505550			

Date: 1 February 2005			
Observer(s) and affiliation(s): Christie, G.W. - Auckland Observatory, P.O.Box 24-180, Auckland, New Zealand, grant@christie.org.nz McCormick, J. - Farm Cove Observatory Natusch, T. - Auckland Observatory			
RA(J2000) 06 ^h 34 ^m 47 ^s .176	Dec(J2000) −62°35′38″.29	type EW	Mag. 15.5 (unfiltered CCD)
Period 0 ^d 3119		Epoch 2453392.0053	
Cross-identification(s): GSC 8899-230 = USNO-A2 0225 03113874			

Date: 2 February 2005			
Observer(s) and affiliation(s): Brat, L. - Velka Upa 193, 542 21 Pec pod Snezkou, Czech Republic, brat@pod.snezkou.cz Motl D. - Brno Observatory, Czech Republic, dmotl@volny.cz			
RA(J2000) 10 ^h 03 ^m 46 ^s .34	Dec(J2000) +01°25′9″.6	type EB	Mag. 11.6-11.9 (V)
Period 0 ^d 603577		Epoch 2453386.6120	
Cross-identification(s): GSC 0244-0434 = BAL 1435 = AG+01 1260 = BD+02 2285 = PPM 156466			

Reference:

Kohoutek L, Wehmeyer R, 1999, *Astron & Astroph. Suppl. Ser.*, **134**, 255