

CZEV – THE CZECH VARIABLE STAR CATALOGUE

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Abstract: We present the first release of the Czech Variable star catalogue that currently contains 1228 stars whose variability was discovered by 60 Czech observers. The catalogue contains confirmed variable stars of various types, but also candidates. We give precise coordinates, cross identification with other catalogues, information about constellation, variability type, brightness, light elements, name of the discoverer and year of discovery. In eighty-eight percent of stars the variability type is estimated, for more than 60 % of the stars the light ephemerides are given.

1 Introduction

The Czech Variable star catalogue (CzeV) was created by L. Brát (2005, 2006) as a public online database that serves as a list of variable stars whose variability was discovered by observers from the Czech Republic. The initial idea comes from M. Zejda, who compiled Czech discoveries till the establishment of the CzeV catalogue. The CzeV is managed and administrated by the Variable Star and Exoplanet Section of the Czech Astronomical Society (VSES CAS) and is available at <http://var2.astro.cz/czev.php>. Every observer registered at the VSES web page¹ can include his/her new variable star to the catalogue. The necessary conditions are that the star shows apparent change in brightness, at the time of discovery was not listed as variable star in the General Catalogue of Variable stars (Samus et al., 2017) or Variable Star Index (Watson et al., 2006), and has unambiguous coordinates and designation from photometric/astrometric catalogues. No confirmation by other observer is required. Newly submitted items are checked by the administrator. Because overall publication focused on the CzeV catalogue has been published only now,

¹ <http://var2.astro.cz>

many of the CzeV stars have been re-discovered by other authors, discoveries already published and stars included to the VSX. Three examples of light curves of CzeV stars are shown in Fig. 1.

Most stars in the catalogue have been discovered during observation of other variable stars by happy coincidence, not as the main purpose of the observation or organized campaign. This is also the case of discoveries made by the FRAM telescope that is primarily dedicated for extinction measurements (Ebr et al., 2014). However, discoveries made by Pavel Cagaš come from a project that is intentionally dedicated for search for new variable stars (e.g. regular long-term observation of the field around V729 Aql, Cagaš, 2017).

The current version of the CzeV presented here is revised and can slightly differ in details from the online version which will be updated accordingly soon². This discrepancy is given by the history of the catalogue, which was originally intended as an internal list that should unify the preliminary personal identifications (IDs) under a common ID ‘CzeV’. The entries have not been checked and corrected regularly till 2014. Together with increasing number of newly discovered variable stars, the announcement to the world-wide community become desirable. Because the entries were included by different observers often in wrong format³ and entries could contain inaccuracies, the whole catalogue was carefully revised item by item. However, after proper identification of the stars⁴ the automated procedures were used where it was possible to reduce the errors caused by a human factor (e.g. coordinates and magnitudes extraction from the catalogues). The whole catalogue is now unified in its form and all entries are in the same format.

2 Description of the catalogue

For a smooth transfer to the VSX we followed their requirements on the format and other necessary information. The whole table containing all entries is placed at the end of the paper (Table 4) and is attached in a machine-readable format (.csv file) as a supplementary material to this paper. The table contains the following columns:

1. *CzeV number*; ‘*CzeV*’ – The ordinal number in the catalogue. Because there has not been any input control for the presence of the objects in CzeV, there are 17 items that are doubled. In two cases the identification of stars was ambiguous and therefore the corresponding rows are left blank. The items listed in the first column are linked with the online version and take the reader to the web page where the light curve and chart can be examined.
2. *Cross identification*; ‘*ID*’ – we give UCAC4 (Zacharias et al., 2013) as the default cross-ID (1048 entries). If no UCAC4 ID is available (156 objects), we give USNO-B1.0 ID. In five cases none of these IDs is available. Thus, we give 2MASS ID (Cutri et al., 2003).

² Later improvement of elements, variability types or adding other parameters by registered users of VSES is also possible.

³ The default and correct format is CzeVnumber, where ‘number’ is the ordinal number in the catalogue.

⁴ We used Aladin sky atlas (Bonnarel et al., 2000).

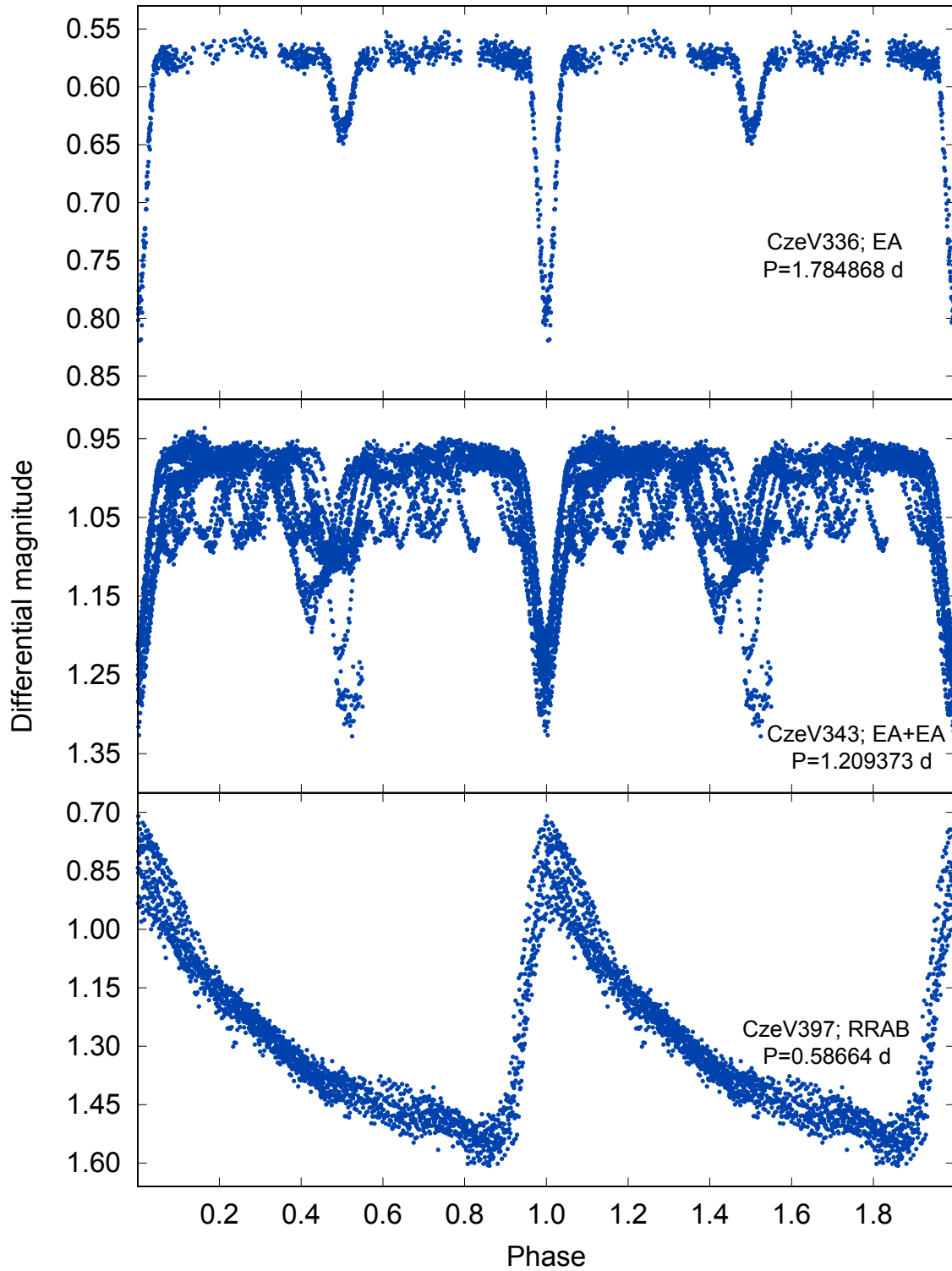


Figure 1: Examples of three light curves of CzeV stars. The top panel shows an Algol type eclipsing binary CzeV336 (Juryšek & Hoňková, 2012), the middle panel shows CzeV343, which is a double EA system (Cagaš & Pejcha, 2012), and the bottom panel shows an RR Lyrae type star CzeV397, which undergoes distinct amplitude modulation (Skarka & Cagas, 2013).

3. *VSX identification; ‘VSX’* – If the star is known to the VSX, then we give ‘1’⁵ in this column (261 stars including 62 with CzeV ID). In the machine-readable file the full VSX designation is given in this column.
4. *Right ascension; ‘RA’* – Right ascension in [hh mm ss.sss] format, J2000 equinox. The coordinate is taken from the UCAC4. If the star has not UCAC4 ID, the coordinate is taken from the PPMXL catalogue (Roeser et al., 2010).
5. *Declination; ‘DE’* – Declination in [\pm dd mm ss.ss] format, J2000 equinox. The coordinate is taken from the UCAC4. If the star has not UCAC4 ID, the coordinate is taken from the PPMXL catalogue (Roeser et al., 2010).
6. *Constellation; ‘Con’* – Three-letter standard abbreviation of the constellation.
7. *Variability type; ‘Type’* – The type according to VSX nomenclature⁶. In case the type is only suggested, the type is followed by double colon.
8. *APASS V magnitude; ‘V’* – The mean Johnson *V* magnitude taken from the UCAC4. The *V* magnitude can be calculated using various transformations from other photometric systems when APASS *V* magnitude is unavailable. Such procedure is recommended by the VSX administrators. However, after several tests we realized that various calibrations give results that could differ by several tenths of magnitude. For blue and red stars the calibrations usually give completely absurd results. Thus, we do not give *V* magnitude when it is not available in UCAC4.
9. *2MASS J magnitude; ‘J’* – We give 2MASS *J* magnitude for almost all targets to give at least some information about the brightness of the star when *V* magnitude is unavailable⁷.
10. *2MASS J – K; ‘J-K’* – The colour index *J – K* in magnitudes is given for a rough impression about the spectral type of the CzeV stars.
11. *Amplitude; ‘A’* – The amplitude of the light variations in magnitudes detected in the passband given in the next column.
12. *Filter; ‘F’* – The filter in which the amplitude was estimated.
13. *Zero epoch; ‘M0’* – Zero epoch in Julian date (time of minimum for eclipsing binaries and ellipsoidal variables, maximum for pulsating variable stars). Unfortunately, we do not have information about the type of the date (Geocentric vs. Heliocentric). Thus these values should be handled with caution.
14. *Period; ‘P’* – Period of the variations in days. The errors are usually unknown and, therefore, not given⁸. In spurious cases we give the value with 6 decimal places.
15. *Discoverer* – The abbreviation of the discoverer(s). The list is given in Table 1.
16. *Year of the discovery; ‘Year’*.

⁵ These items are linked with the online VSX catalogue.

⁶ <https://www.aavso.org/vsx/index.php?view=about.vartypes>

⁷ When also *J* mag is unavailable, we give USNO-B1.0 *R1* magnitude here (2 stars).

⁸ VSX and GCVS also does not provide errors. Therefore, the absence of errors should not be a problem for inclusion of our targets to these catalogues.

3 Statistics on the sample and further details

At the end of June 2017 the catalogue has contained 1228 stars discovered by 60 observers. The most productive observers are Pavel Cagaš, Martin Mašek and František Lomoz (472, 209 and 119 entries, respectively). The complete list of observers is in Table 1 and the distribution of discoveries among twenty most productive observers is shown in the top panel of Fig. 2. The sum of the numbers in Table 1 does not correspond to the total number of discovered variable stars because discoverers often observe in teams. Data are available upon request.

Table 1: Discoverers, their short cuts (Abb.), number of their discoveries (Nr.) and emails.

Name	Abb.	Nr.	Email	Name	Abb.	Nr.	Email
Reinhold F. Auer	RFA	2	auer.reinhold@gmail.com	Martin Mašek	MM	209	cassi@astronomie.cz
František Bílek	FB	43	frantabilek@gmail.com	David Motl	DM	11	dmotl@volny.cz
Michal Bílek	MiB	1	micHAL.bilek@asu.cas.cz	Milada Moudrá	MiM	3	moudra@fzu.cz
Jan Beránek	JB	3		Petr Mrňák	PM	1	mrnak.petr@email.cz
Fabián Bodnár	FaB	3	fabian.bodnar@seznam.cz	Denis Müller	DeM	1	topkvark@seznam.cz
Luboš Brát	LB	33	brat@pod.snezkou.cz	Filip Novotný	FN	1	feldanovo@gmail.com
Miroslav Brož	MB	1	mira@sirrah.troja.mff.cuni.cz	Kateřina Onderková	KO	2	katka.underkova@centrum.cz
Pavel Cagaš	PC	472	pavel.cagas@gmail.com	Martin Orsulák	MO	3	martas.orsulak@gmail.com
Petr Cagaš	PeC	2	pcagas@vt.edu	Václav Přebík	VP	41	vaclav.pribik@gmail.com
Hedvika Čapková	HC	3	hedvika.capkova@gmail.com	Ondřej Pejcha	OP	26	pejcha@astro.princeton.edu
Ladislav Červinka	LC	15	mail@ladislavcervinka.cz	Michal Pintr	MP	3	M.Pirati@seznam.cz
Radek Dřevěný	RD	4	radek.dreveny@volny.cz	Pavel Pintr	PP	12	pintr@ipp.cas.cz
Roman Ehrenberger	RE	1	ehrenbergerr@opp.cz	Jiří Polák	JiP	5	jiri.polak@centrum.cz
Adam Greš	AG	1	adam.gres1@gmail.com	Jan Polster	JP	4	jpolster@email.cz
Petr Hájek	PH	9	hv.hajek@seznam.cz	Petr Pravec	PeP	1	petr.pravec@asu.cas.cz
Dalibor Hanžl	DH	5	hanzl@sci.muni.cz	Jaroslava Secká	JaS	1	451559@mail.muni.cz
Bohuslav Hladík	BH	2	bohuslav.hladik@email.cz	Miroslav Smolka	MS	2	miroslav.smolka@gmail.com
Kateřina Hoňková	KH	40	katerina.honkova@astronomie.cz	Petr Sobotka	PeS	2	sobotka@astro.cz
Kamil Hornoch	KaH	1	k.hornoch@centrum.cz	Petr Svoboda	PS	3	tribase.net@volny.cz
Jan Janík	JaJ	8	honza@physics.muni.cz	Jan Šafář	JS	8	jan@livephotography.net
Martin Jelínek	MJ	22	mates@asu.cas.cz	Pavel Šebela	PaS	1	pavel.seb@centrum.cz
Anna Juráňová	AJ	5	juranova@physics.muni.cz	Ladislav Šmelcer	LS	24	lsmelcer@astrovm.cz
Jakub Juryšek	JJ	40	jurysek@fzu.cz	Lukáš Timko	LT	1	timkolukas@seznam.cz
Radek Kocián	RK	6	koca@astronomie.cz	Jaroslav Trnka	JT	26	hvezdarna@volny.cz
Karel Koss	KK	9	karel.koss@tiscali.cz	Kamila Truparová	KT	1	kamila.truparova@vsb.cz
Hana Kučáková	HK	19	Hana.Kucakova@centrum.cz	Martin Tylšar	MT	30	mtylsar@astronomie.cz
Jan Kyselý	JK	1	kysely@ufa.cas.cz	Filip Walter	FW	14	edmund.squirrel@seznam.cz
Martin Lehký	ML	20	makalaki@astro.sci.muni.cz	Petr Zásche	PZ	10	zasche@sirrah.troja.mff.cuni.cz
Jiří Liška	JL	6	jiriliska@post.cz	Miloslav Zejda	MZ	60	zejda@physics.muni.cz
František Lomoz	FL	119	hvezdarna@tiscali.cz	Eva Zampachová	EZ	8	eva.zampachova@seznam.cz

The variability type is given for 1074 stars. The numbers of particular variable types are in Table 2 and shown in the middle panel of Fig. 2. The most numerous classes are W Ursae Majoris stars (EW, 453), Algol-type stars (EA, 260) and δ Scuti stars (DSCT, 167).

Table 2: Numbers of variable types (Nr.) identified among CzeV stars.

Type	Nr.	Type	Nr.	Type	Nr.
ACV	1	E	17	PULS ELL	1
BCEP	1	EA	260	RR	23
CV	1	EB	47	RRAB	13
CWB	2	EW	453	RRC	8
DCEP	1	EA EB	2	RS	4
DSCT	167	ELL	4	SR	18
EA+DSCT	3	HADS	25	SRB	2
EW+DSCT	1	M	6	SRS	1
EW DSCT	3	PULS	5	UV	4

The first provable discovery of a new variable star by a Czech observer dates back to 1993. Since 2013 the number of new variable stars steadily increases, with maximum in 2016. Till the end of June 2017, 118 new variables has been discovered. The history of the discoveries is apparent from the time distribution in the bottom panel of Fig. 2 and Table 3.

Table 3: Number of stars (Nr.) discovered in given year.

Year	Nr.	Year	Nr.	Year	Nr.	Year	Nr.
1998	2	2003	28	2008	29	2013	66
1999	3	2004	38	2009	16	2014	147
2000	6	2005	32	2010	20	2015	161
2001	0	2006	15	2011	137	2016	266
2002	2	2007	17	2012	121	2017	118

Acknowledgements

MS acknowledges the support of the postdoctoral fellowship programme of the Hungarian Academy of Sciences at the Konkoly Observatory as host institution. The financial support of the Hungarian NKFIH Grants K-115709 is acknowledged. We would like to thank the Pierre Auger Collaboration for the use of its facilities. The operation of the robotic telescope FRAM was supported by the EU grant GLORIA (No. 283783 in FP7-Capacities program) and by the grants of the Ministry of Education of the Czech Republic (MSMT-CR LM2015038, LTT17006 and LM2015046). The data calibration and analysis related to FRAM telescope is supported by the Ministry of Education of the Czech Republic MSMT-CR (LG15014, CZ.02.1.01/0.0/0.0/16_013/0001402) and EU/MSMT CZ.02.1.01/0.0/0.0/16_013/0001403. ZP acknowledges the support of the Hector Fellow Academy.

References

- Bonnarel, F., Fernique, P., Bienaymé, O., et al. 2000, *A&AS*, **143**, 33, [2000A&AS..143...33B](#)
- Brát, L. 2005, *Perseus Bulletin*, **2**, 26, <http://var2.astro.cz/perseuspdf/2005-2.pdf>
- Brát, L. 2006, *Open European Journal on Variable Stars*, **23**, 55, [2006OEJV...23...55B](#)
- Cagaš, P., & Pejcha, O. 2012, *A&A*, **544**, L3 [2012A&A...544L...3C](#)
- Cagaš, P. 2017, in Proceedings of the 48th Conference on Variable Stars Research, held 11-13 November, 2016 in Praha, Czech Republic, 2016, *Open European Journal on Variable Stars*, **180**, p. 8 [2017OEJV..180....8C](#)
- Cutri, R. M., Skrutskie, M. F., van Dyk, S., et al. 2003, *VizieR Online Data Catalog*, **2246**, [2003yCat.2246....0C](#)
- Ebr, J., Janeček, P., Prouza, M., et al. 2014, *Revista Mexicana de Astronomia y Astrofisica Conference Series*, **45**, 114 [2014RMxAC..45..114E](#)

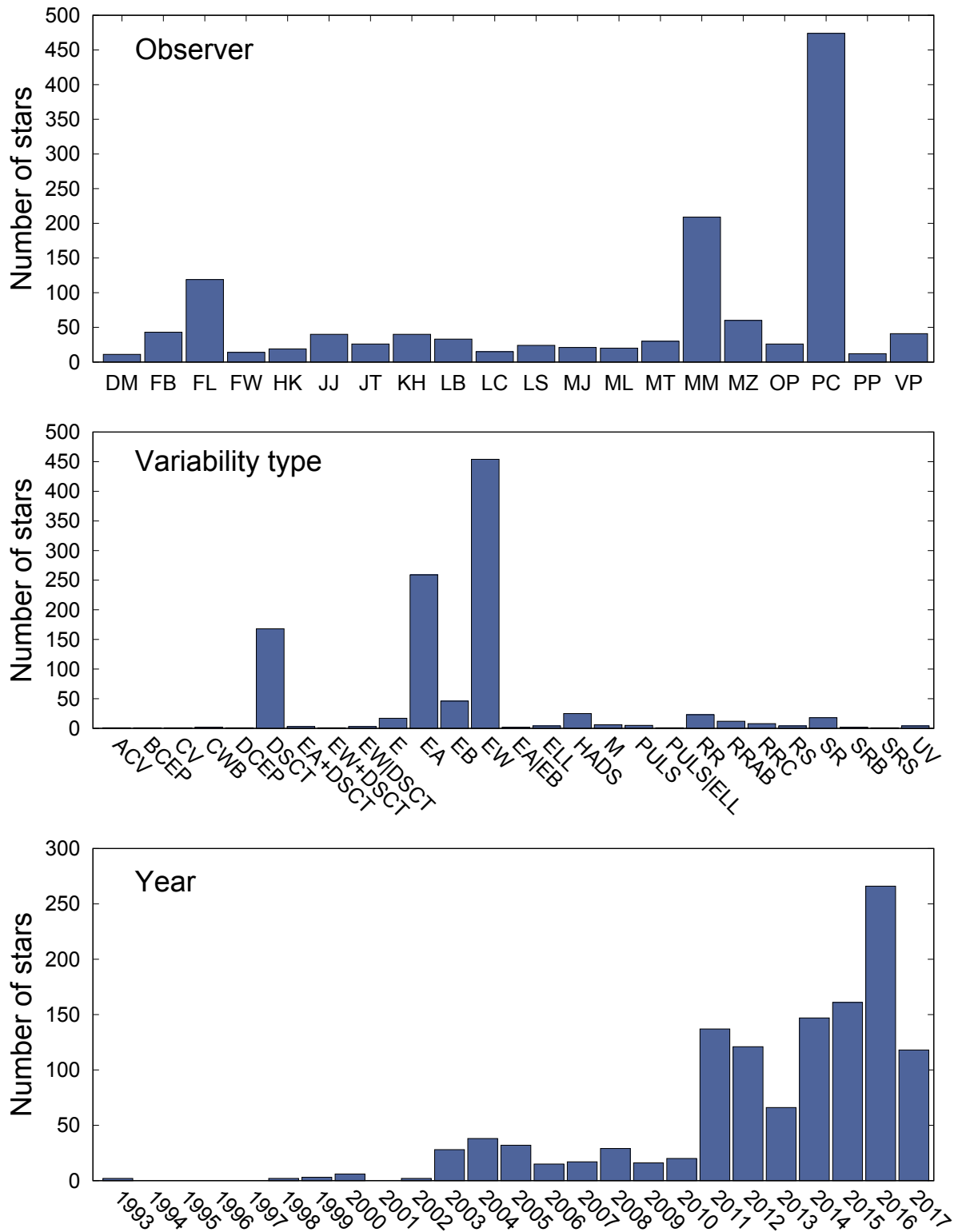


Figure 2: The distribution of the number of stars discovered by twenty most productive observers (top panel, the short cuts can be found in Table 1). The middle panel shows numbers of different variability type stars in the CzeV catalogue. Finally, the distribution of the discoveries during time is in the bottom panel.

- Juryšek, J., & Hoňková, K. 2012, *Open European Journal on Variable Stars*, **152**, 1, [2012OEJV..152....1J](#)
- Monet, D. G., Levine, S. E., Canzian, B., et al. 2003, *AJ*, **125**, 984, [2003AJ....125..984M](#)
- Roeser, S., Demleitner, M., & Schilbach, E. 2010, *AJ*, **139**, 2440, [2010AJ....139.2440R](#)
- Skarka, M., & Cagas, P. 2013, *Information Bulletin on Variable Stars*, **6068**, 1, [2013IBVS.6068....1S](#)
- Samus, N. N., Kazarovets, E. V., Durlevich, O. V., Kireeva, N. N., & Pastukhova, E. N. 2017, *Astronomy Reports*, **61**, 80, [2017ARep...61...80S](#)
- Watson, C. L., Henden, A. A., & Price, A. 2006, *Society for Astronomical Sciences Annual Symposium*, **25**, 47, [2006SASS...25...47W](#)
- Zacharias, N., Finch, C. T., Girard, T. M., et al. 2013, *AJ*, **145**, 44, [2013AJ....145...44Z](#)

Table 4: The main table. See the text in sect. 2 for table description.

CzeV	ID	VSX	RA	DE	Con	Type	V	J	J - K	A	F	M0	P	Discoverer	Year
1	UCAC4 537-046686	1	08 29 39.312	+17 17 00.58	Cnc	EA	10.77	9.384	0.531	0.57	C	2452500.939	1.469331	PeP	1993
2	UCAC4 797-019460	1	09 54 28.620	+69 13 22.28	UMa	EW	11	10.194	0.251	0.39	V	2454829.6982	0.528847	KaH, JK	1993
3	UCAC4 655-102227		21 36 09.916	+40 52 39.07	Cyg		10.7	7.978	0.936					MZ	1998
4	UCAC4 638-091827	1	20 15 55.943	+37 27 15.53	Cyg	EW	11.94	11.185	0.236			2456518.9723	0.404161	JS	1999
5	UCAC4 638-091516	1	20 15 17.569	+37 31 43.92	Cyg	EA	11.95	10.845	0.318			2451427.4063	0.610595	JS	1999
6	UCAC4 450-086568		18 55 45.481	-00 00 44.33	Aql		11.97	9.698	0.387					MZ	1999
7	UCAC4 629-008536	1	02 41 41.016	+35 42 54.87	Per	EW	13.58	12.591	0.293	0.58	C	2452996.6731	0.373973	MZ	2000
8	UCAC4 504-106930		19 31 30.415	+10 47 08.69	Aql		12.32	11.278	0.356					MZ	2000
9	UCAC4 511-104980		19 35 42.319	+12 04 32.49	Aql		16.18	7.513	1.503					MZ	2000
10	UCAC4 545-132078		20 41 29.487	+18 54 41.56	Del			13.257	0.746					MZ	2000
11	UCAC4 652-014187		03 21 40.199	+40 18 29.19	Per		15.8	14.449	0.472					MZ	2000
12	UCAC4 646-088726	1	20 16 58.829	+39 05 23.88	Cyg	EB	13.26	12.05	0.29	0.55	V	2452122.459	0.506166	KK,PH,DM	2000
13	UCAC4 607-106328	1	20 28 04.912	+31 17 09.72	Cyg	EW	10.96	10.637	0.172	0.56	R	2451358.748	0.62279	MZ	2003
14	UCAC4 726-104478	1	23 29 42.222	+55 03 47.15	Cas	EW	15.21	14.047	0.327	0.5	V	2452859.3088	0.662505	KK, PH, DM	2003
15	UCAC4 661-000894	1	00 11 22.047	+42 05 39.04	And	EW		14.162	0.481	0.8	R	2452859.5092	0.328177	KK, PH, DM	2003
16	UCAC4 712-113372	1	23 27 02.360	+52 14 47.51	Cas	EW:	13.11	12.113	0.203	0.3	V	2452857.4245	0.6152	KK, PH, DM	2003
17	UCAC4 576-123244	1	21 30 09.220	+25 10 42.45	Vul	EW		12.663	0.4	0.6	R			KK, PH, DM	2003
18	UCAC4 748-081665	1	23 03 49.476	+59 30 03.61	Cas	EW	14.89	12.985	0.546	0.2	R	2452879.449	0.577032	KK, PH, DM	2003
19	UCAC4 555-066517	1	18 14 23.135	+20 54 28.35	Her	SR	15.37	8.057	1.325			2452116	95.8	OP	2002
20	UCAC4 533-087594	1	19 03 33.398	+16 31 19.54	Aql	SRB	12.73	5.158	1.157	1.1	V	2454388	110.3	OP	2003
21	USNO-B1.0 0921-0514273	1	19 01 39.333	+02 06 43.91	Aql	SR		7.572	2.256					OP	2003
22	UCAC4 465-091770	1	19 11 00.675	+02 52 41.98	Aql		11.75	9.948	0.362	0.2	V			OP	2003
23	UCAC4 465-091730	1	19 10 57.705	+02 52 08.93	Aql	SR		7.009	1.744	0.7	R _c			OP	2003
24	UCAC4 435-088535	1	19 04 01.207	-03 05 11.94	Aql	SR	14.84	6.133	1.747	1.8	V		132.2	OP	2003
25	UCAC4 435-088109	1	19 03 27.810	-03 01 43.30	Aql	M:		11.15	1.621	1	I _c			OP	2003
26	UCAC4 417-097364	1	18 48 31.092	-06 42 49.48	Sct	SR	13.53	6.948	1.438	0.4	V			OP	2003
27	UCAC4 417-097082	1	18 48 22.526	-06 43 12.43	Sct	SR		8.41	1.525	0.7	R _c			OP	2003
28	UCAC4 417-096910	1	18 48 16.430	-06 40 03.60	Sct	SR	14.45	8.283	1.488	0.6	R _c			OP	2003
29	USNO-B1.0 0853-0436795	1	18 54 04.135	-04 38 32.46	Sct	SR		8.988	1.685					OP	2003
30	USNO-B1.0 0950-0392950	1	18 44 25.485	+05 00 12.99	Ser	M		9.207	1.821	1.9	I _c			OP	2003
31	UCAC4 573-086600	1	19 23 25.921	+24 31 10.48	Vul		10.36	9.105	0.384	0.25	V			OP	2003
32	UCAC4 449-078621	1	18 15 31.447	-00 22 33.93	Ser	M		7.924	1.7	1.1	R _c	2451420	215	OP	2003
33	UCAC4 449-078462	1	18 14 58.560	-00 23 00.47	Ser	SR		9.914	1.481	0.9	R _c			OP	2003
34	UCAC4 551-124797	1	20 35 44.370	+20 06 56.49	Del	M		7.683	1.282	2.4	R _c	2453131	246	OP	2003
35	USNO-B1.0 1086-0443921	1	19 45 31.337	+18 37 11.39	Sge	SR:		9.848	1.593	0.5	I _c			OP	2003
36	UCAC4 599-077343	1	19 23 57.360	+29 37 12.91	Cyg	EW		12.223	0.496	0.57	V	2452888.3824	0.3688	OP	2003
37	UCAC4 599-077491	1	19 24 10.508	+29 42 47.71	Cyg	SR		10.213	1.296	1	V			OP	2003
38	UCAC4 650-081030	1	19 57 14.920	+39 49 54.35	Cyg	SR:		9.71	1.416	0.25	I _c			OP	2003

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
39	UCAC4 519-081534	1	18 44 58.033	+13 40 32.34	Her	SR:		7.27	1.426					OP	2003
40	UCAC4 583-091724	1	19 39 22.747	+26 31 53.67	Vul	SR:		9.466	1.885					OP	2003
41	UCAC4 660-001800	1	00 26 48.749	+41 50 04.13	And	EW	14.9	13.538	0.347	0.5	<i>V</i>			OP	2004
42	UCAC4 461-086436	1	19 02 07.042	+02 07 27.12	Aql	EW		13.322	0.677	0.4	<i>I_c</i>	2453205.4431	0.44014	OP	2004
43	UCAC4 634-063403	1	19 04 29.182	+36 39 49.30	Lyr	EW		14.024	0.598	0.3	<i>R_c</i>	2454249.495	0.300374	OP	2004
44	UCAC4 670-064717	1	17 52 39.063	+43 49 29.35	Her	EW	12.43	11.287	0.469	0.22	<i>R_c</i>	2454610.3476	0.316289	OP	2004
45	UCAC4 655-102036	1	21 35 30.794	+40 52 44.57	Cyg	EW	13.43	11.984	0.526			2454298.4911	0.28	MZ	2004
46	UCAC4 607-105948		20 27 08.371	+31 14 29.17	Cyg	EA:	10.42	9.719	0.145	0.9	<i>V</i>	2457632.536	5.713327	MZ	2004
47	UCAC4 606-109143	1	20 27 26.543	+31 05 38.39	Cyg	EW	11.34	10.357	0.363	0.3	<i>V</i>	2453238.6459	0.36919	MZ	2004
48	UCAC4 605-109855	1	20 31 22.007	+30 58 38.31	Cyg	EA	10.76	9.912	0.319	0.59	<i>R_c</i>	2453288.505	1.03832	MZ	2004
49	UCAC4 693-099703		21 37 50.095	+48 25 20.72	Cyg		16.37	13.156	0.876					MZ	2004
50	UCAC4 764-029901		04 00 10.377	+62 46 00.02	Cam	EA:	9.28	6.864	0.708					MZ	2004
51	UCAC4 555-106567	1	20 06 36.281	+20 53 15.59	Sge	E:		12.97	0.42					MZ	2004
52	UCAC4 595-079838		19 27 21.806	+28 57 29.17	Cyg			14.355	0.339					MZ	2004
53	UCAC4 616-074972	1	19 27 33.623	+33 03 08.63	Cyg	EW		12.669	0.275	0.4	<i>R_c</i>	2452255.2469	0.402046	MZ	2004
54	UCAC4 720-093314		22 25 20.046	+53 50 35.40	Lac		14.98	13.47	0.393					MZ	2004
55	UCAC4 598-016955		05 09 19.155	+29 35 38.98	Aur		9.29	7.831	0.403					MZ	2004
56	UCAC4 806-005992	1	01 33 38.528	+71 02 37.35	Cas	EA	14.13	13.057	0.315	0.6	<i>V</i>	2455944.4282		MZ	2004
57	UCAC4 583-124212		21 39 12.821	+26 31 26.84	Peg	EW:	14.87	13.6	0.416					MZ	2004
58	UCAC4 681-037267	1	05 29 26.927	+46 11 47.38	Aur	EW	15.64	13.071	0.659	0.25	<i>V</i>	2453360.36	0.226642	MZ	2004
59	UCAC4 374-178300		22 22 33.778	-15 23 01.84	Aqr		9.68	7.37	0.746					MZ	2004
60	UCAC4 737-078080		21 47 19.567	+57 17 54.69	Cep		9.97	7.589	0.683					MZ	2004
61	UCAC4 773-056413	1	22 36 37.309	+64 32 53.30	Cep	EA	10.87	9.756	0.212			2453109.4969	2.4859	MZ	2004
62	UCAC4 474-035548	1	07 40 33.075	+04 42 20.04	CMi	EW	14.63	13.127	0.429			2452611.6147	0.307555	JP, JS	2004
63	UCAC4 453-043838	1	08 14 08.061	+00 29 11.02	Hya	EW	14.64	13.331	0.324	0.4	<i>C</i>	2453464.79	0.254807	MZ	2004
64	UCAC4 471-004288		03 01 44.220	+04 04 01.61	Cet		10.44	8.232	0.744					MZ	2004
65	UCAC4 538-031653		06 41 05.322	+17 27 17.97	Gem		11.27	8.864	0.79			2453028		MZ	2004
66	UCAC4 422-096425	1	18 51 51.904	-05 44 42.88	Sct	EA	14.35	11.167	0.913	1	<i>p</i>	2428777.83	16.5347	MZ	2004
67	USNO-B1.0 0842-0451263	1	18 51 24.376	-05 46 36.16	Sct			8.717	1.86					MZ	2004
68	UCAC4 422-095817		18 51 16.937	-05 44 35.61	Sct			12.247	1.051					MZ	2004
69	USNO-B1.0 0848-0414802		18 44 02.583	-05 06 20.29	Sct			8.209	2.266					MZ	2004
70	UCAC4 425-086335	1	18 43 37.178	-05 11 01.72	Sct		14.65	11.675	0.449					MZ	2004
71	UCAC4 424-087158		18 43 58.430	-05 12 52.24	Sct			9.095	1.889					MZ	2004
72	2MASS 18435497-0513343		18 43 54.978	-05 13 34.31	Sct			9.34	2.296					MZ	2004
73	2MASS 18433896-0510524		18 43 38.964	-05 10 52.40	Sct			9.701	2.26					MZ	2004
74	USNO-B1.0 0848-0414739	1	18 44 01.678	-05 08 44.82	Sct			8.125	1.912					MZ	2004
75	UCAC4 424-086844	1	18 43 35.706	-05 12 09.66	Sct			7.335	1.742					MZ	2004
76	UCAC4 420-093422		18 45 04.630	-06 06 38.88	Sct			11.262	1.268					MZ	2004

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J</i> − <i>K</i>	<i>A</i>	<i>F</i>	<i>M</i> 0	<i>P</i>	Discoverer	Year
77	UCAC4 458-048454	1	10 03 46.343	+01 25 10.30	Sex	EB	10.86	10.552	0.494	0.25	<i>V</i>	2453386.612	0.60362	LB	2005
78	UCAC4 453-044500	1	08 20 59.851	+00 31 01.50	Hya	EW	13.15	11.77	0.387	0.55	<i>V</i>	2453675.84	0.414588	LB	2005
79	UCAC4 851-002014	1	01 41 36.453	+80 04 18.99	Cep	EW	12.28	11.298	0.311	0.65	<i>V</i>	2453433.636	0.392966	LB	2005
80															
81															
82	UCAC4 529-032234		06 46 50.976	+15 41 51.53	Gem		15.38	14.569	0.31					MZ	2005
83	UCAC4 657-048110	1	07 24 07.533	+41 19 11.47	Aur	EA	11.88	10.968	0.328	0.62	<i>R</i> _c	2453380.31	2.22775	MZ	2005
84	UCAC4 444-034237	1	07 19 10.400	-01 23 05.34	Mon	EW	13.97	12.879	0.271	0.5	<i>V</i>	2453523.4483	0.368962	MZ	1998
85	UCAC4 454-029400	1	07 08 29.381	+00 41 11.79	Mon		13.75	12.636	0.398					MZ	2005
86	CzeV 85	1												MZ	2005
87	UCAC4 454-029482	1	07 08 43.621	+00 41 43.92	Mon	EW	15.22	14.4	0.461			2451397.2197	0.401946	MZ	2005
88	UCAC4 471-017471		06 18 58.458	+04 11 28.71	Ori		9	7.564	0.1					MZ	2005
89	UCAC4 471-017507		06 19 08.903	+04 08 50.45	Ori	EW:	13.6	11.903	0.467	0.22	<i>R</i> _c	2453671.59	0.374073	MZ	2005
90	UCAC4 512-035470	1	07 09 20.834	+12 12 14.00	CMi	EW	12.95	12.278	0.255	0.09	<i>R</i> _c	2454107.6042	0.435898	MZ	2005
91	UCAC4 512-035338		07 08 44.271	+12 15 18.62	CMi		12.15	10.79	0.485					MZ	2005
92	UCAC4 688-029440	1	04 15 59.570	+47 26 53.75	Per	EW		13.467	0.403	0.26	<i>R</i> _c	2455847.4918	0.40971	MZ	2005
93	UCAC4 622-095731		20 13 59.200	+34 15 13.20	Cyg	EA:	15.63	13.247	0.462	0.8	<i>R</i> _c			KK, PH, DM	2004
94	UCAC4 592-128950	1	21 39 43.085	+28 22 39.18	Peg	EW	15.26	13.629	0.436	0.43	<i>R</i> _c	2453233.223	0.352655	KK, PH, DM	2004
95	UCAC4 748-081828		23 04 26.249	+59 34 01.19	Cas	EA:		13.647	0.432					KK, PH, DM	2003
96	UCAC4 616-091175		19 54 15.218	+33 02 42.40	Cyg			14.379	0.431					EZ, JS	2005
97	UCAC4 556-116605		20 21 13.762	+21 08 38.40	Sge	EA:		8.574	1.276					LB	2005
98	UCAC4 571-074371		18 51 51.710	+24 08 20.19	Her	E:		13.975	0.604	0.6	<i>R</i> _c			DM	2005
99	UCAC4 553-100454	1	19 53 16.613	+20 33 42.95	Vul	DSCT	12.17	11.04	0.203	0.2	<i>V</i>	2453541.5825	0.135658	LB	2005
100	UCAC4 721-089423		22 12 45.698	+54 11 39.92	Lac	DSCT	13.28	11.947	0.236					LB	2005
101	UCAC4 502-126897		20 13 39.683	+10 22 02.19	Aql		12.31	12.016	0.344					DM	2005
102	UCAC4 722-088574		22 12 07.710	+54 15 04.09	Cep	EW	13.38	11.953	0.437	0.4	<i>R</i> _c	2457329.5163	0.353642	PeS	2005
103	UCAC4 729-081067	1	22 13 36.988	+55 44 27.73	Cep	DSCT	11.24	10.047	0.266	0.15	<i>R</i> _c	2452617.476	0.148585	ML, MB	2002
104	UCAC4 556-118532		20 25 56.529	+21 01 33.68	Vul	E:		12.461	0.626					LB	2005
105	UCAC4 556-118128		20 24 53.949	+21 03 16.01	Vul	E:		12.781	0.317					LB	2005
106	UCAC4 851-002040	1	01 42 47.654	+80 07 52.25	Cep	EW	14.68	13.106	0.598			2453715.41	0.270416	LB	2005
107	UCAC4 756-012555	1	01 11 08.921	+61 07 44.88	Cas	EW		12.89	0.586			2454092.275	0.30224	LB	2005
108	UCAC4 721-095872	1	22 33 06.397	+54 05 41.70	Lac	EW	13.39	12.021	0.463	0.3	<i>R</i> _c	2453992.611	0.407827	LB	2005
109	UCAC4 721-095864		22 33 04.327	+54 06 41.72	Lac	EA:	12.11	11.33	0.13					LB	2005
110	UCAC4 754-025918		02 41 41.508	+60 38 25.30	Cas		13.39	11.765	0.358					LB	2005
111	UCAC4 699-114586	1	22 45 24.037	+49 44 29.64	Lac	EA:		13.494	0.382	0.4	<i>R</i> _c			LB	2005
112	UCAC4 444-045084		08 13 46.187	-01 14 47.20	Hya		9.23	7.647	0.598					JP, MZ	2005
113	UCAC4 604-134527	1	23 01 31.546	+30 44 27.35	Peg	EA EB	10.75	9.995	0.307	0.44	<i>V</i>	2452884.4259	0.471653	JP, MZ	2005
114	UCAC4 751-002145	1	00 11 28.973	+60 04 02.26	Cas	EA	14.35	12.882	0.461					JP, JS	2005

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
115	UCAC4 721-095734	1	22 32 37.892	+54 05 27.33	Lac	EA	10.43	8.607	0.562	0.5	<i>B</i>	2454021.4834	11.15722	LS	2005
116	UCAC4 753-003183	1	00 14 13.841	+60 27 02.88	Cas	EB	11.92	10.36	0.433			2451423.27	0.78247	LB	2006
117	UCAC4 753-026483		02 40 30.770	+60 34 39.68	Cas	M:	15.43	7.789	1.766	0.23	<i>R_c</i>			PS	2006
118	UCAC4 657-048125	1	07 24 31.071	+41 21 04.46	Aur	EW:	14.8	13.626	0.4	0.3	<i>B</i>			PS	2006
119	UCAC4 675-096518		21 11 47.418	+44 51 22.63	Cyg	SR:	15.38	6.339	-0.022					LB, LS, RD	2006
120	UCAC4 718-093800		22 14 41.604	+53 29 23.15	Lac		14.66	13.29	0.474					EZ, MZ	2006
121	UCAC4 530-139547		20 53 16.340	+15 57 43.26	Del		14.71	13.989	0.424					EZ, MZ	2006
122	UCAC4 512-126284	1	20 39 46.339	+12 21 05.05	Del		14.1	12.989	0.369					EZ, JS	2006
123	UCAC4 554-091823		19 49 16.790	+20 39 32.98	Vul		14.62	12.985	0.473					EZ, MZ, JS	2006
124	UCAC4 634-091472		20 15 35.013	+36 47 20.25	Cyg		14.05	12.677	0.423					EZ, JS	2006
125	UCAC4 641-083462	1	19 58 18.690	+38 10 52.46	Cyg			8.083	1.46					EZ, MZ	2006
126	UCAC4 641-083609	1	19 58 35.778	+38 10 42.91	Cyg	EB		11.838	0.151	0.298	<i>I_c</i>			EZ, MZ	2006
127	UCAC4 767-069388		23 13 55.030	+63 14 43.11	Cep	E	8.91	8.483	-0.044	0.2	<i>V</i>			PS	2006
128	UCAC4 636-007703	1	02 13 32.002	+37 02 36.78	Tri	EB:	15.51	13.563	0.589	0.3	<i>R_c</i>	2454000.4696	0.494177	ML	2006
129	UCAC4 756-008347	1	00 47 12.697	+61 02 03.80	Cas	EW		14.511	0.354	0.6	<i>R_c</i>			ML	2006
130	UCAC4 636-007667	1	02 13 01.501	+37 03 25.94	Tri	EW		14.281	0.391	0.6	<i>R_c</i>	2453999.4197	0.295566	ML	2006
131	UCAC4 775-012936	1	02 11 27.785	+64 49 39.02	Cas	EA	12.75	10.919	0.497	0.4	<i>R_c</i>	2454019.5464	0.66292	HK, KT, RD	2007
132	UCAC4 680-123261	1	22 30 23.143	+45 52 15.25	Lac	EW		14.374	0.581	0.7	<i>C</i>	2454337.9419	0.33658	JT	2007
133	USNO-B1.0 1357-0498433	1	22 30 51.295	+45 45 26.32	Lac	EW		15.555	0.5	0.4	<i>C</i>	2454359.506	0.32909	JT	2007
134	UCAC4 747-012171	1	01 22 26.268	+59 12 36.19	Cas	RRC	12.16	10.337	0.471	0.176	<i>V</i>	2453236.5041	0.419794	RK	2007
135	UCAC4 747-011804	1	01 20 23.050	+59 17 15.63	Cas	EW	12.84	11.713	0.307	0.46	<i>V</i>	2454543.7918	0.51429	RK	2007
136	UCAC4 646-090652		20 23 22.304	+39 01 56.92	Cyg	DSCT	10.47	8.984	0.239	0.07	<i>C</i>	2454265.7097	0.193812	HK	2007
137	UCAC4 728-091214	1	22 34 29.326	+55 29 02.78	Lac	EW	15.93	14.15	0.558	0.43	<i>R_c</i>	2454387.3527	0.387182	ML	2007
138	UCAC4 728-091168	1	22 34 16.256	+55 34 23.84	Lac	EA	13.61	12.12	0.426	0.13	<i>R_c</i>	2454387.5856	1.1058	ML	2007
139	UCAC4 728-091187	1	22 34 21.476	+55 30 13.28	Lac	EA	13.07	11.52	0.431	0.26	<i>R_c</i>	2454373.281	1.32435	ML	2007
140	UCAC4 594-087574		19 38 58.881	+28 41 17.30	Cyg	EA	14.28	20	0	1	<i>R_c</i>			DH	2007
141	UCAC4 464-070362	1	18 02 40.337	+02 47 00.53	Oph	EW	14.98	13.689	0.568			2454373.282	0.41776	JT	2007
142	UCAC4 464-070295	1	18 02 26.353	+02 47 41.05	Oph	E	14.69	13.383	0.456			2443332.356	0.381148	JT	2007
143	UCAC4 465-070806		18 02 15.065	+02 51 51.00	Oph	EW:	16.01	13.914	0.58					JT	2007
144	UCAC4 465-071047		18 03 02.596	+02 56 03.26	Oph	EW:	15.86	14.18	0.584					JT	2007
145	UCAC4 765-014855		01 33 02.534	+62 57 37.39	Cas		10.93	9.597	0.301					LB	2007
146	UCAC4 799-029886	1	20 59 52.014	+69 40 12.30	Cep	DSCT		14.725	0.457			2454453.2844	0.0519	JT	2007
147	UCAC4 441-024827	1	06 56 32.432	-01 53 40.40	Mon		14.52	13.033	0.464					FL	2008
148	UCAC4 561-032093		06 33 50.349	+22 00 55.98	Gem		14.48	13.843	0.209					FL	2008
149	UCAC4 560-031225	1	06 33 11.706	+21 56 27.59	Gem	EW	12.94	12.691	-0.007	0.17	<i>C</i>	2453221.32	0.43099	FL	2008
150	UCAC4 561-031944		06 33 19.550	+22 06 28.59	Gem	EW		14.575	0.605	0.22	<i>C</i>	2454491.3927	0.33958	FL	2008
151	UCAC4 482-016828	1	06 11 07.043	+06 17 11.49	Ori	EA	13.21	12.02	0.302	0.6	<i>V</i>	2454420.8172	1.831256	PZ	2008
152	UCAC4 393-021063		07 02 50.502	-11 25 53.32	CMa		13.93	12.527	0.333			2454536.356	0.958	PZ	2008

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
153	UCAC4 795-041728	1	23 51 13.145	+68 55 26.07	Cep	EW	13.21	11.094	0.569	0.7	<i>R_c</i>	2454585.6474	0.333985	LB	2008
154	UCAC4 796-040502	1	23 49 45.723	+69 04 59.02	Cep	EA		10.625	0.415	0.3	<i>R_c</i>	2451304.658	0.734444	LB	2008
155	UCAC4 605-063331	1	18 29 42.032	+30 54 14.14	Lyr	DSCT:		14.792	0.145	0.3	<i>C</i>			JT	2008
156	UCAC4 605-063402	1	18 30 19.299	+30 53 43.55	Lyr	EW		12.235	0.359	0.3	<i>C</i>	2454593.5639	0.4122	JT	2008
157	UCAC4 465-026784	1	07 05 31.729	+02 58 27.97	Mon	EW	14.45	13.193	0.283	0.4	<i>C</i>	2454531.4848	0.5633	JT	2008
158	UCAC4 689-111475	1	22 10 37.106	+47 38 21.96	Lac	E	15.17	14.191	0.288	0.2	<i>C</i>			JT	2008
159	USNO-B1.0 1376-0550411	1	22 11 54.820	+47 39 18.60	Lac	EA		14.109	0.821	0.7	<i>C</i>	2454705.5818	0.359646	JT	2008
160	UCAC4 581-094155	1	19 48 55.265	+26 04 37.61	Vul	E	14.11	12.046	0.546	1.2	<i>R_c</i>			RE	2008
161	UCAC4 674-113986	1	22 27 04.271	+44 45 59.45	Lac	EW		13.911	0.757	0.5	<i>R_c</i>	2455068.5067	0.257635	ML	2008
162	UCAC4 742-045663	1	07 20 39.968	+58 22 51.47	Lyn	EW	14.64	13.519	0.453	0.8	<i>R_c</i>			LB	2008
163	UCAC4 685-111973	1	21 58 23.967	+46 54 05.02	Cyg	PULS	13.5	12.312	0.273	0.03	<i>V</i>	2454748.458	0.1148	PZ	2008
164	UCAC4 596-015915		05 03 14.468	+29 11 38.45	Aur	PULS	11.14	10.096	0.276	0.01	<i>V</i>			PZ	2008
165	UCAC4 621-073501		19 23 13.173	+34 00 35.34	Lyr	PULS		12.19	0.865	0.4	<i>V</i>			FL	2008
166	UCAC4 610-030090	1	06 12 13.907	+31 48 25.15	Aur	HADS	12.98	12.044	0.248	0.2	<i>C</i>		0.071051	VP	2008
167	UCAC4 660-001790	1	00 26 41.173	+41 59 21.68	And		15.36	13.38	0.711	0.6	<i>V</i>			FL	2008
168	UCAC4 622-070450		19 21 23.049	+34 15 21.89	Lyr	EA	10.78	10.374	0.057			2457619.61	0.829889	FL	2008
169	UCAC4 596-086496		19 34 03.752	+29 01 18.67	Cyg		10.47	9.566	0.228					FL	2008
170	UCAC4 624-068720		19 20 25.527	+34 47 43.09	Lyr	EW	12.53	11.787	0.216			2457646.339	0.382755	FL	2008
171	UCAC4 690-111946	1	22 11 07.244	+47 53 39.64	Lac	EW:		14.713	0.557	0.7	<i>V</i>			JT	2008
172	UCAC4 682-043722		06 34 18.985	+46 20 59.97	Aur	EB:	16.24	14.656	0.61	0.3	<i>V</i>			JT	2008
173	UCAC4 615-121197	1	21 26 24.190	+32 52 48.68	Cyg		11.31	9.867	0.359			2455418.514	0.480711	RD	2007
174	UCAC4 447-022973	1	06 49 21.764	-00 44 10.15	Mon	EA	12.8	11.639	0.407	0.3	<i>C</i>			LB	2008
175	UCAC4 447-023032	1	06 49 34.102	-00 37 27.36	Mon	EA	12.81	11.723	0.146	0.41	<i>C</i>			LB	2009
176	UCAC4 521-035347	1	06 59 20.312	+14 09 10.31	Gem	EA	15.33	13.612	0.618	0.7	<i>C</i>	2454834.5908	0.48001	JT	2008
177	UCAC4 521-035672	1	07 00 32.874	+14 07 12.30	Gem	EW	13.19	11.959	0.381	0.3	<i>C</i>	2454830.393	0.35986	JT	2008
178	UCAC4 743-021295	1	02 11 15.614	+58 32 07.48	Per	HADS		13.916	0.332	0.25	<i>C</i>			JT	2009
179	UCAC4 368-122564	1	18 11 12.389	-16 24 28.05	Sgr	PULS	11.65	10.362	0.336	0.02	<i>V</i>	2455051.815	0.0984	PZ	2009
180	UCAC4 730-083447		22 18 26.291	+55 53 52.85	Cep		13.04	11.944	0.189	0.06	<i>B</i>			PZ	2009
181	UCAC4 730-083348		22 18 00.184	+55 52 55.99	Cep	PULS	13.05	12.112	0.099	0.03	<i>B</i>	2455053.871	0.0381	PZ	2009
182	UCAC4 603-088909	1	19 39 30.518	+30 27 58.59	Cyg	EW		12.013	0.458	0.25	<i>R_c</i>	2455067.5384	0.34082	FL	2009
183	UCAC4 630-060454		18 41 21.960	+35 52 50.92	Cyg			12.694	0.347	0.9	<i>R_c</i>			FL	2009
184	UCAC4 603-089218		19 39 50.953	+30 25 42.78	Cyg		15.49	14.109	0.24	0.6	<i>R_c</i>			FL	2009
185	UCAC4 500-127413		20 02 46.771	+09 51 17.71	Aql	EW:	15.39	13.829	0.353			2455064.405	0.308	MZ	2009
186	USNO-B1.0 1189-0346197		19 20 45.445	+28 57 56.52	Lyr			15.487	0.839					MZ	2009
187	UCAC4 610-091500		19 48 41.079	+31 49 45.90	Cyg		10.96	9.608	0.397	0.2	<i>R_c</i>			FL	2009
188	UCAC4 609-091016	1	19 49 29.896	+31 40 39.36	Cyg	EW	14.35	12.23	0.524	0.4	<i>R_c</i>	2455083.5035	0.250295	FL	2009
189	UCAC4 662-112793	1	23 13 52.432	+42 13 16.39	And		14.94	13.346	0.464	0.3	<i>C</i>			VP	2009
190	UCAC4 720-095707		22 32 36.884	+53 58 10.33	Lac	EW:	15.78	14.315	0.499	0.5	<i>R_c</i>			PZ	2009

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
191	UCAC4 612-070268		19 16 25.623	+32 21 47.96	Lyr	DSCT	14.43	13.999	0.249	0.2	<i>R_c</i>	2455308.566	0.0644	PZ	2010
192	UCAC4 604-069974	1	19 07 53.576	+30 38 30.89	Lyr	HADS		12.832	0.167	0.4	<i>V</i>	55352.4511	0.078	JT	2010
193	UCAC4 604-070058	1	19 08 09.787	+30 45 47.63	Lyr	EW:		11.38	0.557	0.15	<i>V</i>			JT	2010
194	UCAC4 605-070804	1	19 08 35.959	+30 55 11.77	Lyr	EW:		13.368	0.321					JT	2010
195	UCAC4 624-060044		18 42 31.594	+34 47 08.52	Lyr	EA:		12.1	0.564	0.15	<i>V</i>			JT	2010
196	UCAC4 547-111697		20 01 10.049	+19 18 47.22	Sge	EW:	12.82	11.731	0.41	0.3	<i>C</i>	2455376.406	0.3797	VP	2010
197	UCAC4 546-115254		20 00 57.425	+19 06 55.58	Sge	EW	14.63	12.862	0.557	0.4	<i>C</i>	2455381.4498	0.259928	VP	2010
198	UCAC4 546-114147		19 59 00.798	+19 00 46.73	Sge	HADS		14.698	0.281	0.7	<i>C</i>		0.0661	VP	2010
199	CzeV 182	1												FL	2010
200	UCAC4 603-088514	1	19 39 02.575	+30 32 07.97	Cyg	E:		14.154	0.368	0.78	<i>R_c</i>	2454410.246	0.67329	FL	2010
201	UCAC4 604-085393		19 39 06.604	+30 39 02.70	Cyg		15.31	14.298	0.241	0.57	<i>R_c</i>			FL	2010
202	CzeV 184													FL	2010
203	UCAC4 175-143466	1	15 55 22.634	-55 09 50.97	Nor	EW	14.88	12.766	0.564	0.5	<i>R_c</i>			ML, DH	2010
204	UCAC4 194-055931	1	11 11 42.899	-51 21 36.95	Cen	EW	13.71	12.018	0.538	0.5	<i>V</i>			ML, DH	2010
205	UCAC4 208-020008	1	08 12 03.370	-48 26 42.98	Vel	EW	13.76	12.504	0.343	0.3	<i>V</i>			ML, DH	2010
206	UCAC4 206-019237	1	08 10 52.662	-48 50 21.40	Vel	EW	13.33	12.11	0.356	0.7	<i>V</i>			ML, DH	2010
207	UCAC4 736-035365		04 01 32.016	+57 09 14.12	Cam	RR	13.4	11.665	0.356	0.5	<i>R_c</i>			RK	2009
208	UCAC4 737-033509	1	03 58 49.219	+57 15 17.46	Cam	EW	12.92	11.468	0.389	0.21	<i>R_c</i>			RK	2009
209	UCAC4 593-062722		18 06 47.015	+28 27 16.73	Her	EB		13.151	0.254					RK	2010
210	UCAC4 511-059878		16 25 24.316	+12 01 19.14	Her		14.47	12.735	0.566	0.15	<i>C</i>			RK	2010
211	UCAC4 453-023057	1	06 46 04.716	+00 25 48.70	Mon	EA	13.35	12.186	0.307					VP	2011
212	UCAC4 572-039901	1	07 26 45.616	+24 21 54.07	Gem	EW	12.42	11.896	0.267	1.3	<i>C</i>			VP	2011
213	UCAC4 572-040162	1	07 29 09.558	+24 16 37.10	Gem	EW	14.92	13.8	0.332	0.3	<i>C</i>			VP	2011
214	UCAC4 573-040177	1	07 26 30.636	+24 25 24.08	Gem	EW	15.1	14.135	0.335	0.2	<i>C</i>			VP	2011
215	UCAC4 572-040169	1	07 29 12.694	+24 12 36.56	Gem	EW	15.54	14.261	0.444	0.3	<i>C</i>			VP	2011
216	UCAC4 572-040000		07 27 42.950	+24 18 54.49	Gem		15.3	12.842	0.773	0.15	<i>C</i>			VP	2011
217	UCAC4 479-013224		05 46 43.927	+05 43 25.49	Ori	EW	15.54	13.154	0.626	0.5	<i>C</i>	2455603.0302	0.44018	PeC	2011
218	UCAC4 702-050345	1	10 21 40.906	+50 17 32.57	UMa	DSCT:	10.77	10.149	0.173					LB	2011
219	UCAC4 480-055517	1	14 51 29.535	+05 51 21.25	Vir	RRC	13.93	13.414	0.146	0.3	<i>C</i>		0.270169	LB	2011
220	UCAC4 542-038882		07 13 33.109	+18 23 08.01	Gem		14.56	13.7	0.209					FL	2011
221	UCAC4 542-038250		07 09 34.627	+18 13 42.31	Gem		15.34	13.533	0.52					FL	2011
222	UCAC4 542-038477		07 11 02.000	+18 15 56.54	Gem		15.22	14.729	0.157					FL	2011
223	UCAC4 541-038861		07 11 59.304	+18 09 04.46	Gem	EW	15.82	14.118	0.551	0.48	<i>R_c</i>	2455593.2883	0.36164	FL	2011
224	UCAC4 541-038381		07 09 09.908	+18 07 49.95	Gem			14.423	0.371					FL	2011
225	UCAC4 544-038765		07 09 13.071	+18 40 33.26	Gem		11.92	11.28	0.141					FL	2011
226	UCAC4 566-043120		08 26 27.228	+23 08 58.81	Cnc	EA	13.37	11.825	0.518	0.4	<i>C</i>	2455628.4335	0.9015	PC	2011
227	UCAC4 568-044249	1	08 26 13.804	+23 25 05.64	Cnc	EA	14.32	13.564	0.24	0.3	<i>C</i>	2455629.3657	0.76677	PC	2011
228	UCAC4 568-044258	1	08 26 30.932	+23 28 55.75	Cnc	EB	14.22	13.4	0.218	0.2	<i>C</i>	2455628.4243	0.528598	PC	2011

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
229	UCAC4 511-036364		07 09 51.545	+12 01 46.25	CMi	CWB	15.14	14.217	0.155	0.6	R_c			FL	2011
230	UCAC4 511-036377	1	07 09 56.336	+12 06 08.14	CMi	EA	15.18	13.608	0.582	1.07	R_c	2455622.4171	0.49553	FL	2011
231	UCAC4 512-035392		07 08 59.750	+12 18 57.74	CMi		13.01	12.547	0.188	0.05	R_c			FL	2011
232	UCAC4 511-035978		07 08 19.485	+12 04 53.85	CMi		13.87	13.249	0.158	0.1	R_c			FL	2011
233	UCAC4 512-035317	1	07 08 39.727	+12 14 43.01	CMi	EW	14.78	13.716	0.263	0.23	C	2455622.5046	0.38387	FL	2011
234	UCAC4 509-035332		07 06 35.753	+11 43 46.22	CMi	EW	15.3	13.841	0.593	0.64	R_c			FL	2011
235	UCAC4 510-036464		07 07 09.512	+11 53 53.52	CMi	SR	15.36	14.207	0.331	0.35	R_c			FL	2011
236	UCAC4 512-034708	1	07 06 29.567	+12 22 09.16	CMi	EW	15.79	14.488	0.446					FL	2011
237	UCAC4 512-034547		07 05 43.521	+12 18 10.35	CMi	EW	15.52	14.129	0.581	0.44	R_c			FL	2011
238	CzeV 233	1												FL	2011
239	UCAC4 510-036810		07 08 17.953	+11 49 47.12	CMi	EW	17.41	15.335	0.425	0.66	R_c			FL	2011
240	UCAC4 512-034850		07 06 57.812	+12 12 57.87	CMi	CWB	14.67	13.738	0.23	0.66	R_c			FL	2011
241	UCAC4 635-056716	1	17 49 28.584	+36 55 35.11	Her	EB		13.119	0.2	0.3	C	2455650.6068	0.4046	VP	2011
242	UCAC4 653-050454	1	08 24 45.870	+40 31 31.87	Lyn	EW	13.94	12.47	0.434	0.3	C	2454500.516	0.298226	LS	2011
243	UCAC4 660-066134	1	18 31 51.624	+41 52 51.38	Lyr	RRAB	15.64	14.66	0.347	0.5	R_c			LB	2011
244	UCAC4 818-014849	1	07 14 14.392	+73 27 29.58	Cam	HADS	13.93	13.313	0.183	0.5	C	2455672.5623	0.090844	MiM	2011
245	UCAC4 472-050711	1	14 55 24.075	+04 14 43.22	Vir	RRAB	13.76	13.221	0.381	0.9	V	2455672.488	0.513328	MM	2011
246	UCAC4 775-041961	1	20 15 16.119	+64 58 05.91	Dra	E		13.403	0.475	0.5	C			LB	2011
247	UCAC4 775-041963		20 15 20.817	+64 58 28.11	Dra	EW:		15.227	0.497	0.5	C			LB	2011
248	UCAC4 767-059664		21 25 30.831	+63 22 01.48	Cep	EW	15.24	13.457	0.519	0.4	C	2455711.4273	0.333317	KH, JJ	2011
249	UCAC4 614-054675	1	17 05 42.977	+32 41 11.97	Her		14.51	12.711	0.581					FL	2011
250	UCAC4 614-054489		17 02 00.634	+32 47 49.78	Her	EA	13.19	11.926	0.384					FL	2011
251	UCAC4 879-004307	1	16 01 56.421	+85 44 27.05	UMi	EW	14.61	13.313	0.363	0.3	C	2455676.5	0.4013	JiP	2011
252	UCAC4 877-005303		16 17 50.440	+85 12 17.19	UMi	EW		13.489	0.48	0.3	C	2455689.415	0.29534	JiP	2011
253	UCAC4 587-046866		11 16 59.597	+27 23 31.22	Leo	EW	13.37	11.838	0.472	0.25	C	2456368.3409	0.276933	PC	2011
254	UCAC4 589-101431	1	19 55 03.231	+27 45 43.60	Vul	EW		13.3	0.651	0.7	V			ML	2010
255	UCAC4 734-034225	1	04 11 58.978	+56 44 41.33	Cam	EW	14.88	12.58	0.369	0.61	R_c			ML	2010
256	CzeV 254	1												LS	2011
257	UCAC4 878-004821		15 56 52.223	+85 28 12.44	UMi	EA	11.02	9.978	0.354	0.6	C			JiP	2011
258	UCAC4 767-059618		21 24 46.791	+63 18 13.46	Cep	EW:	15.59	13.806	0.453	0.7	C	2455711.493	0.52758	KH, JJ	2011
259	UCAC4 767-059852		21 28 03.470	+63 22 19.31	Cep	EW:		13.981	0.605	0.4	C	2455711.47	0.386922	KH, JJ	2011
260	UCAC4 766-061324		21 26 15.112	+63 10 35.92	Cep	DSCT		13.488	0.703	0.3	C	2456006.484	0.255109	KH, JJ	2011
261	UCAC4 603-084273	1	19 33 30.602	+30 26 09.91	Cyg	EW:	13.07	11.897	0.414	0.38	C	2455732.4059	0.335599	KH, JJ	2011
262	UCAC4 560-033010	1	06 39 45.062	+21 51 20.17	Gem	EW		13.546	0.523	0.33	R_c			ML	2011
263	UCAC4 640-050794	1	15 49 15.756	+37 55 06.06	CrB	EB	13.92	13.083	0.249	0.3	R_c	2453128.594	0.377998	PeC	2011
264	UCAC4 706-118319		23 48 46.421	+51 04 22.18	Cas	EA	14.94	14.16	0.345	0.7	R_c			LB	2011
265	UCAC4 685-011942	1	02 02 51.509	+46 48 08.19	And	EW	16.09	14.451	0.505	0.4	C			JT	2011
266	UCAC4 683-011974	1	02 04 11.256	+46 33 13.97	And	EA	14.94	13.479	0.517	0.4	C	2451999.818	1.0077	JT	2011

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
267	UCAC4 684-011859	1	02 04 28.770	+46 46 58.88	And	EW	16.02	14.332	0.511	0.8	<i>C</i>			JT	2011
268	UCAC4 640-011843	1	03 00 31.120	+37 59 07.57	Per	EW	15.01	13.437	0.397	0.9	<i>C</i>	2455819.5027	0.38799	MiM	2011
269	UCAC4 683-012116		02 05 26.461	+46 33 31.28	And	EW:	15.26	13.905	0.521	0.3	<i>C</i>			JT	2011
270	UCAC4 627-116729	1	21 34 57.640	+35 12 51.47	Cyg	EA	10.64	10.42	0.003	0.3	<i>C</i>	2454298.2205	1.87792	MM	2011
271	UCAC4 610-030167	1	06 12 39.997	+31 57 23.85	Aur	EA	15.65	14.121	0.407	1.2	<i>C</i>	2455831.5888	0.88712	VP	2011
272	UCAC4 517-114238		19 54 52.157	+13 16 26.24	Aql	DSCT	14.15	13.27	0.491	0.18	<i>C</i>	2455834.4152	0.087394	PC	2011
273	UCAC4 517-114737		19 55 50.670	+13 12 45.49	Aql	EW	15.45	14.253	0.68	0.6	<i>C</i>	2457661.3115	0.279456	PC	2011
274	UCAC4 519-115804		19 55 51.293	+13 40 25.47	Aql	EA	12.98	11.596	0.326	0.57	<i>C</i>	2455834.397	3.781898	PC	2011
275	UCAC4 520-116229		19 53 58.291	+13 56 54.92	Aql	EW		13.864	0.241	0.5	<i>C</i>	2456223.3375	0.438389	PC	2011
276	UCAC4 516-118485		19 54 29.161	+13 07 50.58	Aql	HADS		14.031	0.247	0.35	<i>C</i>	2456212.3	0.313157	PC	2011
277	UCAC4 520-116759		19 54 57.596	+13 50 53.34	Aql	EW		13.507	0.413	0.25	<i>C</i>	2456220.3507	0.384263	PC	2011
278	UCAC4 520-116786		19 55 00.421	+13 50 53.07	Aql	EW		13.586	0.358	0.27	<i>C</i>	2456212.3613	0.438751	PC	2011
279	UCAC4 517-114361		19 55 08.368	+13 17 39.36	Aql	DSCT:	14.81	12.601	0.716	0.1	<i>C</i>	2455834.3548	0.577148	PC	2011
280	UCAC4 519-115568		19 55 24.221	+13 37 26.69	Aql	DSCT:	15.88	14.877	0.401	0.1	<i>C</i>	2455834.6298	0.426203	PC	2011
281	UCAC4 517-114618		19 55 36.744	+13 12 46.24	Aql	EW		14.339	0.26	0.6	<i>C</i>	2455834.3444	0.469214	PC	2011
282	USNO-B1.0 1036-0518355		19 55 37.924	+13 41 36.07	Aql	EW		15.531	0.444	0.4	<i>C</i>	2455836.42	0.46681	PC	2011
283	UCAC4 519-115682	1	19 55 38.139	+13 43 22.25	Aql	RRAB		14.265	0.396	0.9	<i>C</i>	2456222.3286	0.558488	PC	2011
284	UCAC4 519-116052		19 56 20.970	+13 47 01.96	Aql	EW		14.58	0.292	0.3	<i>C</i>	2455834.3046	0.441376	PC	2011
285	UCAC4 519-116064		19 56 21.932	+13 37 02.61	Aql	DSCT		14.243	0.53	0.1	<i>C</i>	2457627.37	0.169909	PC	2011
286	UCAC4 518-118829		19 56 31.993	+13 27 55.52	Aql	EW		13.93	0.757	0.4	<i>C</i>	2455834.3699	0.295071	PC	2011
287	UCAC4 517-115282		19 56 44.298	+13 20 04.33	Aql	EW	15	13.638	0.356	0.3	<i>C</i>	2455834.3261	0.3903	PC	2011
288	UCAC4 519-116268		19 56 48.726	+13 39 25.34	Aql	EW		14.402	0.456	0.25	<i>C</i>	2455856.3412	0.413304	PC	2011
289	UCAC4 519-116381		19 57 04.909	+13 37 45.09	Aql	DSCT		14.839	0.517	0.35	<i>C</i>	2456220.5791	0.108759	PC	2011
290	UCAC4 515-117419		19 57 11.198	+12 59 02.58	Aql	EW		14.577	0.587	0.4	<i>C</i>	2455851.302	0.3542	PC	2011
291	UCAC4 516-120052		19 57 14.368	+13 10 56.90	Aql	EW		14.477	0.212	0.5	<i>C</i>	2456212.3436	0.491058	PC	2011
292	UCAC4 516-120168		19 57 27.453	+13 08 30.50	Aql	EW		14.11	0.389	0.45	<i>C</i>	2456212.3922	0.40205	PC	2011
293	UCAC4 512-075014		18 28 54.893	+12 21 24.41	Her	HADS	15.67	14.748	0.295	0.6	<i>V</i>	2456522.5859	0.05572	PC	2011
294	UCAC4 512-074766		18 28 12.407	+12 22 34.26	Her	DSCT	15.16	14.334	0.289	0.26	<i>C</i>	2456519.385	0.0515	PC	2011
295	UCAC4 512-074362		18 27 00.492	+12 19 44.32	Her	EW	15.3	14.751	0.452			2456159.3608	0.24757	PC	2011
296	USNO-B1.0 1025-0400161		18 28 18.437	+12 30 58.33	Her	EW		15.816	0.684	0.25	<i>C</i>	2456155.375	0.450419	PC	2011
297	UCAC4 514-076387		18 26 55.490	+12 41 44.58	Her	EW		14.302	0.513	0.8	<i>C</i>	2456159.4752	0.392015	PC	2011
298	UCAC4 510-079487		18 26 56.118	+11 53 16.06	Oph	RS	16.2	13.29	0.882	0.62	<i>C</i>	2456132.3903	0.68832	PC	2011
299	UCAC4 512-074575		18 27 41.076	+12 13 20.48	Her	EW	14.06	12.895	0.723	0.36	<i>C</i>	2456155.3706	0.252416	PC	2011
300	UCAC4 511-077001		18 28 38.306	+12 03 37.34	Oph	RS		14.538	0.397	0.7	<i>C</i>	2456156.068	1.325332	PC	2011
301	UCAC4 510-080373		18 29 16.582	+11 59 58.63	Oph	EW		14.461	0.606	0.8	<i>V</i>	2456159.408	0.330109	PC	2011
302	UCAC4 513-078420		18 29 21.555	+12 27 17.59	Her	EW	15.17	13.438	0.381	0.73	<i>C</i>	2456152.4455	0.38905	PC	2011
303	USNO-B1.0 1027-0420638		18 29 29.856	+12 45 06.03	Her	EW		14.01	0.842	0.85	<i>C</i>	2456131.4235	0.284593	PC	2011
304	UCAC4 509-079377		18 30 47.159	+11 46 48.71	Oph	RRC	15.7	14.287	0.337	0.35	<i>C</i>	2456157.44	0.25632	PC	2011

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J</i> − <i>K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
305	UCAC4 569-054392	1	16 15 18.845	+23 44 12.31	Her	E	16.2	14.485	0.735	0.6	<i>C</i>			VP	2011
306	UCAC4 627-006233	1	02 00 07.493	+35 15 53.67	Tri	E:	14.84	13.457	0.496	0.4	<i>C</i>	2455799.554	0.3515	VP	2011
307	UCAC4 627-006208	1	01 59 34.023	+35 15 49.36	Tri	EW	15.42	13.768	0.463	0.3	<i>C</i>	2455807.4825	0.3571	VP	2011
308	2MASS 05090761+3314580		05 09 07.610	+33 14 58.09	Aur	RR:		15.825	0.267	0.3	<i>C</i>			VP	2011
309	USNO-B1.0 1234-0100958		05 08 22.993	+33 28 24.05	Aur	EA		15.029	0.876	0.5	<i>C</i>			VP	2011
310	UCAC4 594-018971		05 28 09.303	+28 39 05.91	Aur	EB	16.3	13.959	0.551	0.4	<i>C</i>			VP	2011
311	UCAC4 595-019939	1	05 28 40.808	+28 56 27.13	Aur	EB		13.654	0.59	0.4	<i>C</i>			VP	2011
312	UCAC4 595-019894	1	05 28 27.813	+28 56 36.81	Aur	EB	15.92	13.377	0.476	0.4	<i>C</i>			VP	2011
313	UCAC4 673-010346		02 02 23.796	+44 28 49.86	And	E		14.886	0.698	0.6	<i>C</i>			VP	2011
314	UCAC4 700-009651		01 19 41.297	+49 56 00.01	And	EW		14.95	0.629	0.7	<i>C</i>			VP	2011
315	UCAC4 561-132689		21 20 10.983	+22 01 52.80	Vul	EA		13.1	0.424	0.6	<i>C</i>			VP	2011
316	UCAC4 650-003553	1	00 56 18.873	+39 55 31.40	And	E	16.18	13.98	0.727	0.3	<i>C</i>			VP	2011
317	UCAC4 519-115050		19 54 17.107	+13 39 53.94	Aql	EA		14.459	0.255	0.7	<i>C</i>	2456221.3258	1.15884	PC	2011
318	UCAC4 518-119670		19 58 11.324	+13 30 12.25	Aql	DSCT:		14.475	0.494	0.2	<i>C</i>	2456221.3258	0.5	PC	2011
319	UCAC4 612-084252		19 44 40.227	+32 18 11.95	Cyg	EW	13.58	12.517	0.341	0.4	<i>C</i>	2455853.146	0.330929	KH, JJ	2011
320	UCAC4 613-087656		19 45 40.392	+32 24 03.84	Cyg	EW:	14.6	13.438	0.354	0.45	<i>C</i>	2455852.3128		KH, JJ	2011
321	UCAC4 520-117537		19 56 29.641	+13 58 21.48	Aql	EW		13.362	0.448	0.38	<i>C</i>	2456222.3413	0.387368	PC	2011
322	UCAC4 518-118800		19 56 28.255	+13 25 50.54	Aql	DSCT	13.97	12.776	0.297	0.25	<i>C</i>	2455836.3839	0.496924	PC	2011
323	UCAC4 627-116805	1	21 35 21.999	+35 15 05.75	Cyg	EW	12.67	11.746	0.283	0.3	<i>R_c</i>	2455832.5219	0.429142	RD, MM	2011
324	UCAC4 516-120308		19 57 41.563	+13 02 42.12	Aql	DSCT		14.542	0.162	0.1	<i>C</i>	2456543.5843	0.0456	PC	2011
325	UCAC4 516-117958		19 53 31.835	+13 10 18.43	Aql	UV	15.19	11.346	0.858	0.37	<i>C</i>			PC	2011
326	UCAC4 519-116464		19 57 16.041	+13 42 13.59	Aql	DSCT:	13.97	12.438	0.414	0.2	<i>C</i>	2455836.42	3.946396	PC	2011
327	UCAC4 628-119857		21 35 11.161	+35 24 28.31	Cyg	EW	13.03	11.673	0.343	0.45	<i>R_c</i>	2455866.288	0.37134	HK	2011
328	UCAC4 711-025969		03 10 29.350	+52 07 35.64	Per	EW	13.34	11.523	0.536	0.35	<i>R_c</i>	2457323.321	0.315204	KO	2011
329	UCAC4 712-025912		03 11 59.007	+52 14 31.53	Per	EB:	13.79	10.595	0.857	0.2	<i>R_c</i>	2455835.2529	0.379111	KO	2011
330	UCAC4 518-117786		19 54 36.094	+13 25 39.75	Aql	DSCT:		11.645	0.397	0.13	<i>C</i>	2455868.324	3.015338	PC	2011
331	UCAC4 515-117553		19 57 31.003	+12 54 16.39	Aql	EA+DSCT	13.5	12.148	0.471	0.7	<i>C</i>	2455875.1984	0.755629	PC	2011
332	UCAC4 520-118494		19 58 18.189	+13 49 38.66	Aql	EW DSCT	14.87	13.658	0.332	0.3	<i>C</i>	2455876.69	0.559467	PC	2011
333	UCAC4 517-116133		19 58 23.809	+13 19 47.40	Aql	EW	14.12	13.118	0.3	0.3	<i>C</i>	2455875.297		PC	2011
334	UCAC4 620-005981	1	02 05 38.964	+33 54 55.05	Tri	DSCT	14.63	13.387	0.465	0.24	<i>C</i>	2456930.495	0.14425	PC	2011
335	USNO-B1.0 1242-0027659	1	02 05 05.845	+34 17 18.98	Tri	DSCT		15.868	0.479	0.6	<i>C</i>	2455916.32	0.120743	PC	2011
336	UCAC4 790-011655	1	04 16 35.984	+67 50 19.23	Cam	EA	10.41	9.774	0.151	0.223	<i>V</i>	2455906.561	1.78486	KH, JJ	2011
337	UCAC4 619-005781	1	02 06 40.156	+33 43 28.68	Tri	EW	12.38	11.268	0.351	0.22	<i>C</i>	2456918.4663	0.33343	PC	2011
338	UCAC4 589-101483	1	19 55 14.628	+27 42 57.02	Vul	BCEP		13.35	0.725	0.07	<i>R_c</i>			ML	2011
339	UCAC4 589-101787	1	19 56 25.189	+27 38 13.52	Vul	EW		12.196	0.744	0.36	<i>R_c</i>			ML	2011
340	UCAC4 758-013419	1	01 22 30.169	+61 34 49.30	Cas	EA	12.72	11.07	0.418	0.38	<i>R_c</i>			ML	2011
341	UCAC4 608-025661		05 50 41.740	+31 26 24.09	Aur	DSCT	11.69	10.633	0.291	0.1	<i>C</i>	2455960.3435	0.145596	PC	2012
342	UCAC4 606-024138		05 48 11.955	+31 07 41.06	Aur	DSCT	12.1	11.004	0.247	0.13	<i>C</i>	2455958.6401	0.136936	PC	2012

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
343	UCAC4 605-025126	1	05 48 24.012	+30 57 03.59	Aur	EA	13.68	12.755	0.199	0.25	<i>C</i>	2455968.3398	0.806868	PC	2012
344	UCAC4 609-024525		05 51 13.222	+31 46 08.33	Aur	RS	13.27	12.213	0.243	0.14	<i>C</i>	2455957.4149	1.10327	PC	2012
345	UCAC4 609-023395		05 47 30.332	+31 40 22.49	Aur	EA	14.47	12.85	0.541	0.85	<i>C</i>	2456684.309	0.535949	PC	2012
346	UCAC4 605-025202		05 48 41.277	+30 51 57.97	Aur	EW		14.055	0.725	0.6	<i>C</i>	2455959.3728	0.29658	PC	2012
347	UCAC4 606-024400		05 49 11.674	+31 00 23.43	Aur	EA	13.34	12.412	0.183	0.2	<i>C</i>	2456221.6184	1.450427	PC	2012
348	UCAC4 607-024043		05 49 29.170	+31 21 56.50	Aur	EW	15.05	13.618	0.376	0.32	<i>C</i>	2455959.3547	0.435525	PC	2012
349	UCAC4 607-024108		05 49 41.122	+31 21 58.52	Aur	EA		14.944	0.439	1	<i>C</i>	2455960.1258	1.34159	PC	2012
350	UCAC4 609-024257		05 50 19.811	+31 43 56.23	Aur	EW	14.48	13.332	0.271	0.8	<i>C</i>	2455958.6267	0.524834	PC	2012
351	UCAC4 606-024854		05 50 34.399	+31 06 04.80	Aur	EA	16.15	14.925	0.209	0.44	<i>C</i>	2455959.36	0.840919	PC	2012
352	UCAC4 608-025749		05 50 57.732	+31 29 56.13	Aur	EA	14.11	13.491	0.156	0.41	<i>C</i>	2455992.3029	0.905527	PC	2012
353	UCAC4 606-025058	1	05 51 19.766	+31 05 57.98	Aur	EW	15.63	13.714	0.445	0.36	<i>C</i>	2455959.353	0.280434	PC	2012
354	UCAC4 605-026193		05 51 57.481	+30 54 53.80	Aur	EA+DSCT	14.53	13.484	0.371	0.67	<i>C</i>	2455958.452	1.179639	PC	2012
355	UCAC4 609-024774		05 51 59.808	+31 38 43.44	Aur	EA	13.49	12.529	0.404	0.5	<i>C</i>	2455960.3993	1.234846	PC	2012
356	UCAC4 608-026265		05 52 40.404	+31 29 40.67	Aur	RS	15.24	13.292	0.716	0.9	<i>C</i>	2455970.3629	0.712205	PC	2012
357	UCAC4 604-026108		05 52 55.855	+30 43 05.88	Aur	EW	16.54	14.951	0.564	0.45	<i>C</i>	2456354.5405	0.350498	PC	2012
358	UCAC4 605-025651		05 50 06.603	+30 49 47.97	Aur	DSCT	13.59	12.224	0.345	0.1	<i>C</i>	2456351.5711	0.073338	PC	2012
359	UCAC4 608-025076		05 48 59.078	+31 32 51.01	Aur	EA	16.04	14.763	0.215	0.5	<i>C</i>	2455970.4083	2.454818	PC	2012
360	UCAC4 606-024426		05 49 16.925	+31 07 57.58	Aur	EW		14.198	0.633	0.28	<i>C</i>	2455958.4534	0.266053	PC	2012
361	UCAC4 609-023715		05 48 35.927	+31 40 09.02	Aur	EW DSCT	15.1	13.689	0.31	0.2	<i>C</i>	2455958.0162	0.269935	PC	2012
362	UCAC4 604-025555		05 50 58.526	+30 37 09.11	Aur	DSCT	12.74	11.488	0.32	0.15	<i>C</i>	2456356.5123	0.152711	PC	2012
363	UCAC4 604-025799		05 51 47.152	+30 40 50.20	Aur	EW		12.179	0.643	0.15	<i>C</i>			VP	2012
364	UCAC4 603-026208		05 49 40.709	+30 25 00.76	Aur	EA	13.95	12.696	0.314	0.3	<i>C</i>	2457839.394	2.552216	VP	2012
365	USNO-B1.0 1243-0510268	1	22 36 15.683	+34 21 50.55	Peg	EW		15.503	0.508	0.5	<i>V</i>	2451999.63	0.287997	MiB, MM	2011
366	UCAC4 780-038997		21 35 35.614	+65 51 18.51	Cep	EA	15.62	13.033	0.836	0.58	<i>C</i>			LB	2012
367	UCAC4 780-039099		21 37 36.761	+65 52 50.11	Cep	EW:	14.02	12.042	0.518	0.5	<i>R_c</i>			LB	2012
368	UCAC4 780-039014		21 36 05.445	+65 50 27.91	Cep	EW	14.45	12.75	0.485	0.4	<i>R_c</i>			LB	2012
369	UCAC4 779-039380		21 35 35.921	+65 39 41.13	Cep	EB	14.65	12.728	0.581	0.2	<i>R_c</i>			LB	2012
370	UCAC4 525-053547	1	11 29 51.411	+14 58 24.69	Leo	EA	10.69	9.751	0.252	0.3	<i>V</i>	2451996.761	5.08009	MM	2012
371	UCAC4 607-023549		05 47 35.573	+31 18 04.83	Aur	EA	15.17	12.822	0.772	0.45	<i>C</i>	2456012.3779	0.90696	PC	2012
372	UCAC4 844-005904		04 52 49.414	+78 37 51.06	Cam	EW	15.67	14.694	0.42	0.4	<i>C</i>	2456167.8851	0.343089	AJ	2012
373	UCAC4 844-005966		04 55 53.888	+78 43 16.37	Cam	EW		14.434	0.811	0.8	<i>C</i>			AJ	2012
374	UCAC4 607-023989		05 49 18.174	+31 21 14.23	Aur	DSCT	12.75	11.714	0.262	0.05	<i>C</i>	2455958.4166	0.053444	PC	2012
375	UCAC4 607-024619		05 51 17.701	+31 23 07.24	Aur	DSCT	13.13	12.177	0.237	0.04	<i>C</i>	2455958.5696	0.06867	PC	2012
376	UCAC4 610-025574		05 51 48.399	+31 51 45.69	Aur	EA EB	14.38	12.788	0.357	0.75	<i>C</i>	2455968.4429	0.597616	PC	2012
377	UCAC4 604-025889		05 52 04.637	+30 45 15.09	Aur	EA	13.31	12.088	0.34	0.24	<i>C</i>	2456221.4866	5.586968	PC	2012
378	UCAC4 604-025847		05 51 55.156	+30 44 43.54	Aur	DSCT	14.29	12.836	0.359	0.05	<i>C</i>	2455985.614	0.096644	PC	2012
379	UCAC4 608-026131		05 52 13.822	+31 30 35.31	Aur	DSCT	13.07	11.985	0.265	0.04	<i>C</i>	2455958.5427	0.091035	PC	2012
380	UCAC4 609-023561		05 48 04.077	+31 47 29.08	Aur	DSCT	13.02	11.846	0.262	0.07	<i>C</i>	2455894.5284	0.097397	PC	2012

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
381	UCAC4 608-025081		05 49 00.674	+31 29 01.23	Aur	DSCT:	13.71	12.642	0.242	0.12	<i>C</i>	2455957.4532	0.033222	PC	2012
382	UCAC4 608-025371		05 49 52.856	+31 34 16.72	Aur	EA		14.533	0.713	0.8	<i>C</i>	2455968.3413	0.603739	PC	2012
383	UCAC4 604-025450		05 50 33.192	+30 45 19.07	Aur	DSCT	14.31	12.85	0.378	0.07	<i>C</i>	2456670.3932	0.087966	PC	2012
384	UCAC4 605-025938		05 51 11.753	+30 53 08.06	Aur	EA	14.44	13.491	0.275	0.25	<i>C</i>	2455959.47	6.1469	PC	2012
385	UCAC4 605-026240		05 52 06.566	+30 48 19.86	Aur	EW	15.65	14.517	0.444	0.22	<i>C</i>	2455968.6002	0.196622	PC	2012
386	UCAC4 606-025425		05 52 22.250	+31 03 23.31	Aur	EA		14.838	0.497	0.7	<i>C</i>	2455970.32	2.03012	PC	2012
387	UCAC4 767-059605		21 24 33.198	+63 16 29.08	Cep	EA	14.21	12.475	0.423	0.16	<i>C</i>	2455711.4466	1.2353	KH, JJ	2011
388	UCAC4 519-064721	1	17 24 48.682	+13 47 06.93	Oph	EW	14.08	12.777	0.361	0.33	<i>R_c</i>	2456047.5061	0.397663	KH, JJ	2012
389	UCAC4 639-054576	1	17 49 05.346	+37 37 34.46	Her	EB		13.656	0.408	0.5	<i>C</i>			JiP	2012
390	UCAC4 767-059866		21 28 09.396	+63 21 01.47	Cep	EA	13.85	9.988	0.824	0.27	<i>C</i>	2456094.489	1.38839	KH, JJ	2012
391	UCAC4 612-083841		19 44 00.873	+32 13 32.24	Cyg	EW		13.148	0.43	0.1	<i>C</i>			KH, JJ	2012
392	UCAC4 611-086897		19 45 43.651	+32 11 24.79	Cyg	EW		13.97	0.35	0.35	<i>C</i>	2456102.1539	0.48946	KH, JJ	2012
393	UCAC4 509-077934		18 27 06.934	+11 47 17.26	Oph	EW	15.48	13.947	0.389	0.14	<i>C</i>	2456132.4509	0.286065	PC	2012
394	USNO-B1.0 1024-0400678		18 26 18.161	+12 27 29.69	Her	DSCT		14.556	0.671	0.58	<i>C</i>	2455835.6275	0.283025	PC	2012
395	UCAC4 510-079827		18 27 44.133	+11 57 51.76	Oph	EW	14.73	13.386	0.394	0.11	<i>C</i>	2455835.3372	0.374083	PC	2012
396	UCAC4 513-078052		18 28 00.972	+12 24 10.31	Her	EW		14.984	0.315	0.38	<i>C</i>	2433835.4	0.406887	PC	2012
397	UCAC4 511-077326	1	18 29 46.360	+12 06 37.83	Her	RRAB	14.99	14.211	0.481	0.9	<i>C</i>	2456132.3955	0.58664	PC	2012
398	UCAC4 510-080620		18 29 56.620	+11 49 22.07	Oph	DSCT	14.83	13.212	0.499	0.11	<i>C</i>	2455835.9839	0.23335	PC	2012
399	UCAC4 513-078647		18 30 15.406	+12 33 04.65	Her	EW	15.11	13.747	0.274	0.31	<i>C</i>	2456159.6348	0.490663	PC	2012
400	USNO-B1.0 1020-0396786		18 30 18.944	+12 04 21.00	Oph	EW		14.743	0.575	0.65	<i>C</i>	2456132.3934	0.40465	PC	2012
401	UCAC4 512-075532		18 30 49.132	+12 14 21.25	Her	EB	13.43	12.013	0.347	0.33	<i>C</i>	2456180.4041	1.01799	PC	2012
402	UCAC4 510-080718		18 30 15.412	+11 50 20.38	Oph	EA		14.136	0.254	0.21	<i>C</i>	2456121.4579	0.52339	PC	2012
403	USNO-B1.0 1020-0391369		18 26 43.123	+12 05 05.52	Her	DSCT		15.211	0.367	0.3	<i>C</i>	2456155.4343	0.159345	PC	2012
404	UCAC4 513-078584	1	18 30 01.756	+12 33 46.09	Her	CV		15.481	0.549	1.4	<i>C</i>	2456131.375	0.098021	PC	2012
405	UCAC4 511-076351		18 26 46.088	+12 05 41.41	Her	DSCT		14.254	0.401	0.2	<i>C</i>	2455836.1664	0.370466	PC	2012
406	UCAC4 513-077734		18 26 57.258	+12 28 04.69	Her	EA	14.09	12.923	0.352	0.08	<i>C</i>	2456497.389	1.493735	PC	2012
407	UCAC4 513-077797		18 27 12.058	+12 24 18.13	Her	EW	15.57	13.43	0.702	0.18	<i>C</i>	2456522.6145	0.260044	PC	2012
408	UCAC4 510-079682		18 27 22.801	+11 50 19.44	Oph	EA	14.96	13.315	0.583	0.19	<i>C</i>	2456155.4202	0.677745	PC	2012
409	UCAC4 514-076720		18 28 22.538	+12 38 34.31	Her	DSCT	14.61	13.583	0.198	0.09	<i>C</i>	2456157.43	0.123876	PC	2012
410	UCAC4 511-076943		18 28 30.618	+12 02 07.38	Oph	EA	13.94	12.883	0.278	0.12	<i>C</i>	2456132.4547	1.327846	PC	2012
411	UCAC4 514-076793		18 28 40.536	+12 37 37.41	Her	EA	14.05	12.7	0.262	0.55	<i>C</i>	2457243.4576	2.867466	PC	2012
412	USNO-B1.0 1027-0420228		18 29 11.593	+12 46 53.56	Her	EW		14.966	0.65	0.4	<i>C</i>	2456159.3791	0.42789	PC	2012
413	USNO-B1.0 1027-0420570		18 29 27.147	+12 43 23.30	Her	EW		14.819	0.346	0.4	<i>C</i>	2456121.6251	0.368564	PC	2012
414	UCAC4 509-079134		18 30 03.205	+11 41 13.62	Oph	EW		14.016	0.448	1.27	<i>C</i>	2456159.3702	0.381918	PC	2012
415	UCAC4 511-077429	1	18 30 17.609	+12 10 07.91	Her	RRC		14.987	0.304	0.45	<i>C</i>	2456180.43	0.31074	PC	2012
416	UCAC4 514-077234		18 30 36.827	+12 43 24.08	Her	EA	15.55	20	0	0.26	<i>C</i>	2456121.433	0.378775	PC	2012
417	UCAC4 511-076583		18 27 30.766	+12 08 25.53	Her	EW		14.276	1.203	0.2	<i>C</i>	2456181.4282	0.31351	PC	2012
418	UCAC4 742-009270		00 53 17.997	+58 14 43.53	Cas	EB:		12.688	0.405	0.2	<i>C</i>			VP	2012

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
419	UCAC4 741-009421		00 52 27.713	+58 02 42.31	Cas	EW		13.215	0.437	0.15	<i>C</i>			VP	2012
420	UCAC4 741-009815		00 54 26.787	+58 00 06.02	Cas	EW		14.133	0.468	0.5	<i>C</i>			VP	2012
421	UCAC4 742-009808		00 56 16.892	+58 18 36.02	Cas	EW		13.85	0.405	0.2	<i>C</i>			VP	2012
422	UCAC4 744-010233		01 09 30.112	+58 36 06.16	Cas	EW		13.719	0.678	0.2	<i>C</i>			VP	2012
423	UCAC4 743-010905		01 09 16.212	+58 28 05.27	Cas	RR:		14.085	0.501	0.3	<i>C</i>			VP	2012
424	UCAC4 744-010297		01 10 02.877	+58 36 25.68	Cas	EB:	14.97	12.986	0.457	0.3	<i>C</i>			VP	2012
425	UCAC4 743-010796		01 07 54.177	+58 30 25.15	Cas	E		13.48	0.66	0.7	<i>C</i>			VP	2012
426	USNO-B1.0 1488-0036021		01 08 11.989	+58 49 46.02	Cas	EB		14.293	0.84	0.9	<i>C</i>			VP	2012
427	UCAC4 741-010577		00 58 29.399	+58 02 05.45	Cas	EW		13.984	0.391	0.4	<i>C</i>			VP	2012
428	USNO-B1.0 1479-0044877		00 58 53.391	+57 58 34.15	Cas	EW		15.427	0.554	0.4	<i>C</i>			VP	2012
429	UCAC4 740-010560		00 58 06.303	+57 52 44.87	Cas	EW		14.458	0.69	0.2	<i>C</i>			VP	2012
430	UCAC4 740-010534		00 57 57.607	+57 56 35.08	Cas	EA:		14.851	0.511	0.15	<i>C</i>			VP	2012
431	UCAC4 514-076813		18 28 45.738	+12 46 33.00	Her	EW	16.08	14.372	0.524	0.35	<i>C</i>	2456152.4861	0.437186	PC	2012
432	UCAC4 513-078161		18 28 25.114	+12 27 00.12	Her	DSCT	11.97	10.947	0.251	0.05	<i>C</i>	2457243.8755	0.110407	PC	2012
433	UCAC4 510-080829		18 30 34.126	+11 58 50.59	Her	DSCT	11.87	11.593	0.009	0.21	<i>C</i>	2457243.8287	0.283672	PC	2012
434	UCAC4 093-000146	1	00 10 01.294	-71 35 20.55	Tuc	EA	10.81	10.215	0.341	0.4	<i>V</i>	2451868.8805	2.72687	MM	2012
435	UCAC4 095-000157	1	00 09 59.661	-71 08 24.53	Tuc	DSCT	10.1	9.17	0.408	0.1	<i>V</i>	2451868.7849	0.088664	MM	2012
436	UCAC4 727-018943		02 10 15.586	+55 15 06.52	Per	EA		15.15	0.636	0.3	<i>C</i>			VP	2012
437	UCAC4 681-073815		19 48 35.903	+46 08 37.92	Cyg	EB	16.09	14.327	0.556	0.5	<i>R_c</i>	2456204.3283	0.27198	LS	2012
438	UCAC4 515-117421		19 57 11.272	+12 53 15.93	Aql	EA	13.73	12.275	0.395	0.12	<i>C</i>	2457632.45	9.044974	PC	2012
439	UCAC4 519-114879		19 53 59.567	+13 40 44.08	Aql	EA		14.248	0.302	0.6	<i>C</i>	2457612.498	2.200483	PC	2012
440	UCAC4 519-115958		19 56 09.016	+13 41 14.56	Aql	DSCT	14.28	13.111	0.38	0.05	<i>C</i>	2455837.71	1.706569	PC	2012
441	UCAC4 518-119182		19 57 17.367	+13 33 31.13	Aql	DSCT	14.5	13.467	0.297	0.17	<i>C</i>	2457624.425	0.950932	PC	2012
442	UCAC4 520-118326		19 58 00.803	+13 53 43.94	Aql	EW		14.628	0.341	0.2	<i>C</i>	2455857.444	0.346206	PC	2012
443	UCAC4 379-166319	1	23 20 27.913	-14 18 26.56	Aqr	EA	10.74	9.839	0.278	0.15	<i>V</i>	2451876.66	3.159706	MM	2012
444	UCAC4 592-129027		21 40 17.778	+28 23 32.32	Peg	EW	16.23	14.774	0.634			2456222.4044	0.3424	LS	2012
445	UCAC4 644-080991		19 57 57.529	+38 37 05.83	Cyg	EW		14.366	0.583	0.5	<i>V</i>	2456842.4567	0.249975	PZ	2012
446	UCAC4 622-039549	1	07 25 02.626	+34 14 46.45	Gem	DSCT	14.68	13.468	0.274	0.18	<i>R_c</i>			ML	2012
447	UCAC4 515-116037		19 54 27.477	+12 52 23.32	Aql	DSCT:	14.87	13.948	0.287	0.4	<i>C</i>	2457606.5544	0.377659	PC	2012
448	UCAC4 515-117113		19 56 27.912	+12 52 33.37	Aql	DSCT	15.32	13.772	0.394	0.25	<i>C</i>	2455834.768	0.170596	PC	2012
449	UCAC4 516-118114		19 53 49.539	+13 02 06.76	Aql	DSCT	14.49	13.449	0.231	0.06	<i>C</i>	2455834.4243	0.050158	PC	2012
450	UCAC4 521-118498		19 55 51.454	+14 01 40.06	Aql	DSCT	15.03	12.982	0.59	0.2	<i>C</i>	2457624.35	0.3329	PC	2012
451	UCAC4 423-030457	1	07 12 20.847	-05 25 53.90	Mon	EA	9.29	9.129	0.118	0.15	<i>V</i>	2454106.803	1.211458	MM	2012
452	UCAC4 501-030646	1	06 43 17.990	+10 10 10.31	Mon	ACV	9.39	9.302	-0.048	0.06	<i>V</i>	2452551.314	0.80005	MM	2012
453	UCAC4 605-025541		05 49 46.239	+30 51 49.39	Aur	DSCT	14.52	12.729	0.507	0.08	<i>C</i>	2457387.9093	0.159541	PC	2012
454	UCAC4 608-025562		05 50 26.003	+31 31 53.75	Aur	DSCT	15.25	13.536	0.389	0.15	<i>C</i>	2455970.529	0.101607	PC	2012
455	UCAC4 605-025884		05 50 59.446	+30 58 51.03	Aur	DSCT	13.56	12.341	0.3	0.09	<i>C</i>	2455958.5973	0.107745	PC	2012
456	UCAC4 609-024544		05 51 16.924	+31 44 58.15	Aur	EA	14.81	13.825	0.276	0.37	<i>C</i>	2455993.47	2.547523	PC	2012

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
457	UCAC4 608-026345		05 52 57.228	+31 24 32.28	Aur	EA	14.74	13.542	0.376	0.08	<i>C</i>	2456221.476	3.28045	PC	2012
458	UCAC4 045-003340		05 51 58.015	-81 08 33.56	Men	EW	12.74	11.693	0.374	0.6	<i>V</i>	2451869.6826	0.413521	MM	2012
459	UCAC4 044-002814		05 00 11.632	-81 17 45.35	Men	DSCT	12.48	10.94	0.523	0.17	<i>V</i>	2456269.2605	0.14542	MM	2012
460	UCAC4 205-019311		08 10 26.267	-49 01 58.64	Vel	EW	13.07	12.325	0.323	0.5	<i>R_c</i>	2456294.3469	0.528301	MM	2013
461	UCAC4 185-075373		11 45 11.260	-53 06 58.13	Cen	EW	12	11.174	0.211	0.15	<i>V</i>	2455167.159	0.661937	MM	2013
462	UCAC4 798-014595		05 29 35.815	+69 24 33.75	Cam	EW	13.49	11.869	0.504	0.2	<i>C</i>	2457383.4332	0.29648	LB, HK, MiM, JT, PeS	2013
463	UCAC4 606-024689		05 50 02.426	+31 06 17.57	Aur	DSCT	15.23	13.752	0.45	0.1	<i>C</i>	2456570.4639	0.105875	PC	2013
464	UCAC4 607-024263		05 50 11.601	+31 19 39.64	Aur	EA		13.977	0.203	0.5	<i>C</i>	2457760.515	10.4775	PC	2013
465	UCAC4 606-025035		05 51 14.059	+31 11 29.65	Aur	EA	16.07	14.068	0.61	0.5	<i>C</i>	2456670.34	2.2537	PC	2013
466	CzeV 363											2455957.999	0.127314	PC	2013
467	USNO-B1.0 1207-0106198		05 53 11.194	+30 46 46.76	Aur	EW		15.017	0.616	0.5	<i>C</i>	2456222.471	0.347267	PC	2013
468	UCAC4 422-073843	1	17 57 54.028	-05 41 10.21	Oph	EA	9.66	8.195	0.276	0.45	<i>V</i>	2452002.89	4.0502	MM	2013
469	UCAC4 185-073602		11 36 43.835	-53 04 55.22	Cen	EW	15.06	14.229	0.249			2456469.3956	0.360763	MM	2013
470	UCAC4 185-073582		11 36 38.085	-53 10 03.51	Cen	EW	15.66	13.864	0.448					MM	2013
471	UCAC4 184-072609		11 36 37.467	-53 15 55.81	Cen	EW	14.99	13.455	0.503					MM	2013
472	UCAC4 514-077296		18 30 54.464	+12 38 28.73	Her	DSCT:	11.93	10.634	0.366	0.11	<i>C</i>	2456519.29	0.227347	PC	2013
473	UCAC4 510-080989		18 31 02.739	+11 53 58.37	Oph	DSCT	15.18	13.283	0.501	0.2	<i>C</i>	2456507.4038	0.223188	PC	2013
474	UCAC4 509-079477		18 31 02.075	+11 42 10.45	Oph	EW	13.8	12.469	0.353	0.25	<i>C</i>	2457244.4671	0.526204	PC	2013
475	UCAC4 720-093070	1	22 24 34.757	+53 53 39.03	Lac	EW	11.82	10.524	0.359	0.35	<i>V</i>	2456512.3337	0.51622	LS	2013
476	UCAC4 510-080664		18 30 04.806	+11 49 46.87	Oph	EA	16.37	14.55	0.541	0.4	<i>C</i>	2457248.478	2.7564	PC	2013
477	UCAC4 513-077847		18 27 22.175	+12 33 09.88	Her	EA		13.957	0.498	0.16	<i>C</i>	2456497.48	7.3256	PC	2013
478	USNO-B1.0 1018-0379927		18 27 54.437	+11 48 23.81	Oph	EW		14.999	0.56	0.15	<i>C</i>	2456522.9222	0.405861	PC	2013
479	UCAC4 755-031981		04 06 19.663	+60 56 30.59	Cam	EW	15.31	12.819	0.474	0.4	<i>C</i>	2456518.6243	0.377358	LT, DeM	2013
480	UCAC4 720-092694		22 23 24.547	+53 51 43.97	Lac	HADS	10.66	9.588	0.233	0.1	<i>V</i>	2456523.3567	0.10203	LS	2013
481	UCAC4 618-006577	1	02 20 48.729	+33 27 52.01	Tri	EW	14.98	13.405	0.535	0.7	<i>C</i>	2456515.5296	0.29377	FL, KH, JJ	2011
482	UCAC4 767-060028		21 30 08.140	+63 20 26.51	Cep	DSCT	11.32	9.869	0.331	0.1	<i>R_c</i>	2456519.38	0.135	KH, JJ	2013
483	UCAC4 765-061774	1	21 28 34.445	+62 56 11.60	Cep	EW	14.51	11.901	0.456	0.61	<i>R_c</i>			KH, JJ	2013
484	UCAC4 613-086748		19 44 20.856	+32 28 13.38	Cyg	EW:	15.92	14.732	0.488	0.52				KH, JJ	2013
485	UCAC4 519-116166		19 56 35.239	+13 45 17.22	Aql	RR:		14.745	0.405	0.6	<i>C</i>	2457626.375	0.648186	PC	2013
486	UCAC4 519-114720		19 53 42.836	+13 45 47.42	Aql	DSCT		14.653	0.155	0.3	<i>C</i>			PC	2013
487	UCAC4 739-086993	1	22 47 51.241	+57 37 32.00	Cep	DSCT	13.8	12.423	0.294					FB	2013
488	UCAC4 740-086501	1	22 46 54.226	+57 51 33.51	Cep	EW		13.953	0.512					FB	2013
489	UCAC4 740-086480	1	22 46 49.206	+57 50 36.62	Cep	EW		13.183	0.508					FB	2013
490	UCAC4 739-086618		22 46 22.767	+57 38 34.24	Cep	EA:	15.42	13.375	0.592					FB	2013
491	UCAC4 739-086272		22 45 05.835	+57 37 58.05	Cep	EA	14.25	12.799	0.614					FB	2013
492	UCAC4 740-085950		22 44 38.004	+57 50 53.01	Cep	EW		13.969	0.522					FB	2013
493	UCAC4 740-086015		22 44 50.845	+57 51 47.13	Cep	DSCT	13.57	12.45	0.212					FB	2013
494	UCAC4 739-086295		22 45 10.177	+57 47 24.36	Cep	EW:		13.411	0.454					FB	2013

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
495	USNO-B1.0 1477-0507621		22 45 17.598	+57 42 45.28	Cep	EW:	15.538	0.754						FB	2013
496	USNO-B1.0 1479-0482885		22 43 36.200	+57 58 07.47	Cep	EA:	14.832	0.621						FB	2013
497	USNO-B1.0 1476-0507636		22 46 10.595	+57 40 36.90	Cep	DSCT:	14.766	0.489						FB	2013
498	USNO-B1.0 1476-0506578		22 45 13.661	+57 41 40.57	Cep	DSCT:	15.033	0.738						FB	2013
499	UCAC4 352-151242	1	18 46 40.591	-19 46 49.88	Sgr	SRB	13.47	8.213	1.304	1.2	<i>V</i>	2456529	81.45	MM	2013
500	UCAC4 352-150366	1	18 45 41.688	-19 40 08.88	Sgr	M	13.66	9.69	1.369			2456535	170.5	MM	2013
501	USNO-B1.0 0702-0669934		18 46 08.724	-19 45 50.20	Sgr			14.469	0.72	1	<i>R_c</i>			MM	2013
502	UCAC4 519-052095		11 18 20.312	+13 47 39.00	Leo	UV	13.08	9.087	0.829	1.5	<i>R_c</i>			JL	2012
503	UCAC4 512-074119	1	18 26 03.687	+12 23 27.05	Her	PULS ELL	14.74	9.056	1.342			2451308.9	60.58	JL	2013
504	UCAC4 380-107174	1	18 23 55.813	-14 00 05.87	Sct	EA	12.99	11.842	0.336	0.65	<i>V</i>	2456562.5494	0.910535	MM, JJ, KH	2013
505	UCAC4 258-029010	1	08 23 37.377	-38 27 02.51	Pup	EA	9.08	8.233	-0.082	0.18	<i>V</i>	2456585.9043	2.9925	MM, JJ, KH	2013
506	UCAC4 370-003476	1	03 04 26.959	-16 09 44.06	Eri	EA	12.49	10.609	0.74	0.5	<i>V</i>	2456625.62	7.2326	MM, JJ, KH	2013
507	UCAC4 255-027890	1	08 26 55.602	-39 02 36.24	Pup	EA	13.17	12.489	0.351	1.05	<i>V</i>	2456650.6645	0.746804	MM, JJ, KH	2013
508	UCAC4 494-036438		07 00 22.896	+08 45 53.97	Mon	HADS	13.52	12.794	0.123			2456654.5195	0.079845	LS	2013
509	UCAC4 702-067000		19 39 42.430	+50 18 01.11	Cyg	EA	14.11	13.063	0.301	0.8	<i>C</i>	2456463.451	2.1907	JL	2013
510	UCAC4 702-067165		19 40 50.896	+50 21 40.21	Cyg	EA	15.19	14.38	0.203	0.6	<i>C</i>	2456056.4407	3.14748	JL	2013
511	UCAC4 144-083547	1	11 36 21.706	-61 22 58.23	Cen	EA	11.31	10.262	0.262	0.23	<i>V</i>	2456680.726	3.119413	MM, JJ, KH	2014
512	UCAC4 608-024675		05 47 31.866	+31 32 14.76	Aur	DSCT	15.05	13.248	0.639	0.25	<i>C</i>	2457067.29	0.516482	PC	2014
513	UCAC4 604-024573		05 47 24.032	+30 45 22.51	Aur	EA		11.927	0.247	0.45	<i>C</i>	2456693.3941	0.750065	PC	2014
514	UCAC4 609-023923		05 49 17.147	+31 37 28.67	Aur	EA		14.709	0.78	0.4	<i>C</i>	2456692.2782	0.72339	PC	2014
515	UCAC4 608-025175		05 49 20.706	+31 35 15.38	Aur	EA	14.75	13.326	0.388	0.17	<i>C</i>	2456693.3633	1.804427	PC	2014
516	UCAC4 609-024330		05 50 32.044	+31 47 32.15	Aur	DSCT	13.4	12.215	0.3	0.03	<i>C</i>	2455970.4816	0.114214	PC	2014
517	UCAC4 606-025351		05 52 10.788	+31 04 47.07	Aur	EA		14.22	0.286	0.9	<i>C</i>			PC	2014
518	UCAC4 436-021671	1	06 47 29.989	-02 50 19.96	Mon		14.36	12.449	0.727	0.1	<i>R_c</i>			FL	2014
519	UCAC4 435-021696	1	06 47 19.330	-03 07 59.07	Mon		14.25	13.005	0.299					FL	2014
520	USNO-B1.0 0871-0148042		06 47 43.328	-02 49 57.17	Mon			14.374	0.794	0.34	<i>R_c</i>			FL	2014
521	UCAC4 435-021716	1	06 47 24.121	-03 08 47.33	Mon			12.342	0.605	0.17	<i>R_c</i>			FL	2014
522	UCAC4 579-061033		18 14 15.618	+25 46 58.57	Her			11.76	0.64	0.25	<i>R_c</i>	2453139.676	1.514919	FL	2014
523	CzeV 187													FL	2014
524	UCAC4 608-094272		19 49 28.559	+31 33 23.78	Cyg		13.67	12.282	0.261					FL	2014
525	UCAC4 642-078332		19 52 35.188	+38 12 07.54	Cyg			13.199	0.332					FL	2014
526	UCAC4 456-000318		00 15 31.774	+01 01 18.69	Psc		12.24	11.215	0.393	0.16	<i>R_c</i>			FL	2014
527	CzeV 220													FL	2014
528	CzeV 224													FL	2014
529	CzeV 221													FL	2014
530	CzeV 225													FL	2014
531	CzeV 239													FL	2014
532	CzeV 237													FL	2014

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
533	CzeV 236	1												FL	2014
534	UCAC4 511-035288		07 05 52.634	+12 00 22.66	CMi		15.83	14.89	0.328					FL	2014
535	CzeV 250													FL	2014
536	USNO-B1.0-1263-0281138	1	18 15 41.409	+36 21 54.48	Lyr			15.387	0.386					FL	2014
537	UCAC4 631-059685	1	18 16 03.654	+36 08 35.52	Lyr			14.348	0.505	0.25	<i>R_c</i>			FL	2014
538	UCAC4 639-006899		01 56 03.423	+37 41 48.43	And	RR:	15.09	14.415	0.275	0.47	<i>C</i>	2453978.55	0.8997	FL	2014
539	UCAC4 392-000285		00 14 09.375	-11 43 53.64	Cet		15.16	12.085	0.776	0.3	<i>R_c</i>			FL	2014
540	UCAC4 617-006357	1	02 17 49.196	+33 12 02.19	Tri		15.03	13.563	0.483	0.1	<i>R_c</i>			FL	2014
541	UCAC4 617-006315		02 17 03.816	+33 21 12.61	Tri		15.28	13.579	0.597	0.16	<i>R_c</i>			FL	2014
542	UCAC4 614-004333		01 33 35.082	+32 47 10.37	Tri		15.01	14.725	0.225	0.5	<i>R_c</i>			FL	2014
543	UCAC4 615-004333		01 33 39.643	+32 57 27.58	Tri	EW	15.27	13.987	0.386	0.28	<i>R_c</i>	2455879.2856	0.300423	FL	2014
544	UCAC4 542-038859		07 13 24.424	+18 23 02.05	Gem		17.69	15.071	0.625					FL	2014
545	UCAC4 542-038535		07 11 20.972	+18 21 36.36	Gem		16.03	14.53	0.463	0.42	<i>R_c</i>			FL	2014
546	UCAC4 597-031738		06 29 37.406	+29 12 34.67	Aur		11.63	10.734	0.363	0.25	<i>R_c</i>	2454070.6947	0.418517	FL	2014
547	UCAC4 598-032685	1	06 28 00.423	+29 34 32.02	Aur		13.81	12.553	0.479					FL	2014
548	UCAC4 562-035431		06 51 02.633	+22 21 07.00	Gem		15.53	14.412	0.417					FL	2014
549	UCAC4 573-040201	1	07 26 49.534	+24 35 26.32	Gem		15.47	14.116	0.483	0.51	<i>R_c</i>			FL	2014
550	USNO-B1.0 1018-0131799		07 07 42.601	+11 50 27.22	CMi		16.85R1			1	<i>R_c</i>			FL	2014
551	UCAC4 510-036820		07 08 19.635	+11 52 20.17	CMi		16.08	14.562	0.656	0.4	<i>R_c</i>			FL	2014
552	UCAC4 509-035787		07 08 26.206	+11 40 21.71	CMi		16.02	15.417	0.402	0.7	<i>R_c</i>			FL	2014
553	USNO-B1.0 1019-0137360		07 07 04.60	+11 55 33.53	CMi			15.778	0.72					FL	2014
554	UCAC4 508-037335		07 07 03.512	+11 32 06.81	CMi		15.02	14.522	0.135	0.4	<i>R_c</i>			FL	2014
555	UCAC4 511-036062		07 08 35.777	+12 08 02.34	CMi			14.467	0.512	0.4	<i>R_c</i>			FL	2014
556	UCAC4 511-036079		07 08 40.606	+12 04 37.84	CMi		16.21	14.608	0.413	0.08	<i>R_c</i>			FL	2014
557	USNO-B1.0 0225-0324190	1	13 49 33.329	-07 29 55.97	Gem			15.855	0.531	0.2	<i>R_c</i>			FL	2014
558	USNO-B1.0 0802-0212448	1	10 20 31.882	-09 43 48.80	Sex			15.886	0.417	0.7	<i>R_c</i>	0.569073		FL	2014
559	UCAC4 402-049466	1	10 21 20.249	-09 47 38.71	Sex		16.5	14.916	0.574	0.5	<i>R_c</i>			FL	2014
560	UCAC4 674-055810		12 35 45.222	+44 41 03.81	CVn		16.58	15.414	0.634					FL	2014
561	UCAC4 634-039571	1	07 18 42.102	+36 38 41.06	Aur			14.066	0.832	0.4	<i>R_c</i>			FL	2014
562	UCAC4 432-058847		14 31 27.086	-03 39 10.11	Vir		13.75	12.112	0.495					FL	2014
563	UCAC4 416-058319	1	13 50 19.689	-06 57 05.31	Vir			14.03	0.918	0.5	<i>R_c</i>			FL	2014
564	UCAC4 679-075915		20 00 22.786	+45 43 22.56	Cyg		14.32	12.66	0.328	0.1	<i>R_c</i>			FL	2014
565	UCAC4 680-076565		19 59 47.814	+45 56 24.64	Cyg		16.08	14.145	0.53	0.2	<i>R_c</i>			FL	2014
566	UCAC4 532-126399		20 23 38.486	+16 20 40.58	Del		14.68	13.217	0.481					FL	2014
567	UCAC4 532-127257	1	20 26 26.076	+16 13 29.54	Del			13.117	0.243	0.5	<i>R_c</i>			FL	2014
568	UCAC4 612-006579	1	02 20 24.824	+32 21 29.59	Tri		15.98	13.888	0.645	0.3	<i>R_c</i>			FL	2014
569	UCAC4 611-006950	1	02 21 49.045	+32 04 54.91	Tri		15.93	14.68	0.387	0.3	<i>R_c</i>			FL	2014
570	UCAC4 774-043627		20 25 28.337	+64 43 03.48	Dra			14.907	0.487	0.4	<i>R_c</i>			FL	2014

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
571	UCAC4 775-042163		20 18 42.256	+64 58 06.33	Dra			14.878	0.285	0.2	R_c			FL	2014
572	USNO-B1.0 1545-0230539		20 17 40.053	+64 34 51.31	Dra			15.179	0.7					FL	2014
573	UCAC4 777-039064		20 20 28.432	+65 16 41.49	Dra			14.262	0.79	0.5	R_c			FL	2014
574	UCAC4 775-042519		20 24 28.828	+64 52 55.57	Dra			12.93	0.41	0.2	R_c			FL	2014
575	UCAC4 776-041202		20 21 07.805	+65 11 18.55	Dra			13.472	0.438					FL	2014
576	UCAC4 603-008988	1	03 10 31.721	+30 27 46.39	Ari		15.97	14.455	0.369	0.2	R_c			FL	2014
577	UCAC4 352-061247	1	11 16 10.656	-19 36 41.17	Crt	EW	13.21	11.812	0.385	0.3	R_c		1.14716	FL	2014
578	UCAC4 644-043505	1	07 46 08.283	+38 46 01.51	Lyn		16.03	14.604	0.429	2.02	R_c			FL	2014
579	UCAC4 644-043574	1	07 47 32.052	+38 46 36.57	Lyn			15.017	0.605	0.34	R_c			FL	2014
580	UCAC4 644-043555	1	07 47 06.909	+38 41 26.68	Lyn		13.63	12.85	0.266					FL	2014
581	UCAC4 606-023651		05 46 27.210	+31 11 09.91	Aur	DSCT	15.35	13.631	0.418	0.35	<i>C</i>	2457036.45	0.088142	PC	2014
582	UCAC4 606-023687		05 46 34.526	+31 04 40.14	Aur	EA	15.85	14.436	0.429	0.27	<i>C</i>	2457067.2946	3.5657	PC	2014
583	UCAC4 605-024884		05 47 19.424	+30 53 19.37	Aur	DSCT	14.83	13.086	0.418	0.1	<i>C</i>	2457069.375	0.095156	PC	2014
584	UCAC4 605-024373		05 44 58.657	+30 56 14.65	Aur	EA	15.49	13.627	0.412	0.71	<i>C</i>	2457036.2214	1.315835	PC	2014
585	UCAC4 605-024506		05 45 37.936	+30 51 22.27	Aur	EB		14.454	0.542	0.4	<i>C</i>	2456712.324	0.685335	PC	2014
586	UCAC4 607-023873		05 48 51.176	+31 21 28.54	Aur	EA		14.436	0.66	0.45	<i>C</i>	2457066.37	3.725079	PC	2014
587	UCAC4 604-024851		05 48 35.571	+30 39 02.88	Aur	EA		14.356	0.151	0.14	<i>C</i>	2456712.3346	1.396652	PC	2014
588	UCAC4 606-023921		05 47 25.325	+31 08 25.05	Aur	EA	15.01	13.483	0.437	0.3	<i>C</i>			PC	2014
589	UCAC4 603-025982		05 48 53.879	+30 34 07.38	Aur	EA	14.82	12.939	0.599	0.55	<i>C</i>	2457036.3946	5.03561	PC	2014
590	UCAC4 797-009495		03 35 37.186	+69 16 39.04	Cas	EW	15.34	12.929	0.609	0.4	R_c	2456730.2652	0.330791	LS	2014
591	UCAC4 137-078690	1	12 14 44.769	-62 45 29.01	Cru	DSCT:	9.46	8.297	0.242	0.08	<i>B</i>	2456736.5655	0.11447	MM, JJ, KH	2014
592	UCAC4 180-102987	1	13 07 04.980	-54 03 47.62	Cen	EA	9.65	9.279	-0.006	0.16	<i>V</i>	2456674.715	4.16087	MM	2014
593	UCAC4 140-077760	1	11 51 53.613	-62 05 21.08	Cen	EA	10.91	10.636	0.075	0.43	<i>V</i>	2456766.64	5.246	MM, JJ, KH	2014
594	UCAC4 178-105380	1	13 08 02.818	-54 34 53.19	Cen	EA	12.89	11.554	0.323	0.6	<i>V</i>	2456736.86	3.51127	MM, JJ, KH	2014
595	UCAC4 660-045195		06 34 30.614	+41 55 58.26	Aur	EA		14.76	0.754	1.03	<i>C</i>			FB	2014
596	UCAC4 660-045264		06 35 07.252	+41 58 17.73	Aur	DSCT	14.76	13.773	0.27	0.06	<i>C</i>			FB	2014
597	UCAC4 660-045350		06 35 58.072	+41 58 40.42	Aur	DSCT	15.73	13.85	0.755	0.1	<i>C</i>			FB	2014
598	UCAC4 661-046893		06 36 22.747	+42 07 15.72	Aur	DSCT	14.95	13.409	0.473	0.06	<i>C</i>			FB	2014
599	UCAC4 661-046980		06 37 09.380	+42 00 18.02	Aur	DSCT	15.37	14.292	0.342	0.07	<i>C</i>			FB	2014
600	UCAC4 662-046290		06 35 00.013	+42 14 41.96	Aur	EW	16.44	15.312	0.514	0.68	<i>C</i>			FB	2014
601	UCAC4 662-046373		06 35 48.343	+42 17 14.18	Aur	EW:	14.69	13.188	0.629	0.11	<i>C</i>			FB	2014
602	UCAC4 662-046512	1	06 37 14.449	+42 13 07.17	Aur	EW:	16.04	14.719	0.457	0.15	<i>C</i>			FB	2014
603	UCAC4 184-072500	1	11 36 09.964	-53 12 15.02	Cen	ELL	13.12	12.261	0.247	0.15	<i>V</i>	2456464.551	0.631174	MM, PP	2013
604	UCAC4 512-074875		18 28 29.714	+12 15 16.25	Her	EA	15.32	13.355	0.589	0.45	<i>C</i>	2455835.3	11.485342	PC	2014
605	USNO-B1.0 1022-0403274		18 29 26.219	+12 13 28.70	Her	EA		14.586	0.733	1.1	<i>C</i>			PC	2014
606	UCAC4 515-077460		18 30 46.366	+12 50 12.06	Her	EA:	13.95	12.449	0.422	0.3	<i>C</i>			PC	2014
607	UCAC4 511-077572		18 30 55.767	+12 03 14.93	Oph	EA:	13.31	10.94	0.767	0.45	<i>C</i>	2455843.2	5.548558	PC	2014
608	UCAC4 515-077540		18 31 04.174	+12 49 41.65	Her	RR	14.9	12.388	0.798	0.3	<i>C</i>	2456797.495	0.37402	PC	2014

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
609	UCAC4 604-024570		05 47 23.197	+30 45 18.21	Aur	EA		11.443	0.162	0.41	<i>C</i>			PC	2014
610	UCAC4 605-024383		05 45 02.042	+30 56 43.42	Aur	EW		13.692	0.497	0.55	<i>C</i>	2456726.3835	0.543367	PC	2014
611	UCAC4 605-024461		05 45 26.429	+30 50 38.02	Aur	EA	14.4	12.76	0.402	0.16	<i>C</i>	2457752.3	4.490837	PC	2014
612	UCAC4 606-023924		05 47 25.946	+31 09 27.48	Aur	EA	14.79	13.666	0.29	0.28	<i>C</i>	2457069.437	11.759	PC	2014
613	UCAC4 604-025538		05 50 53.996	+30 41 08.91	Aur	EA		15.128	0.545	0.4	<i>C</i>			PC	2014
614	UCAC4 683-058141	1	15 36 17.001	+46 29 32.13	Boo	EB	12.94	11.566	0.442	0.18	<i>R_c</i>	2456746.4474	0.402291	ML	2013
615	UCAC4 494-063376	1	15 53 23.648	+08 47 22.22	Ser	EA	9.99	9.174	0.189	0.113	<i>V</i>	2453144.9028	1.48698	JL	2014
616	UCAC4 642-097642	1	20 52 30.900	+38 16 27.14	Cyg	DSCT	11.08	10.165	0.227	0.19	<i>C</i>	2454280.535	0.126475	BH	2014
617	UCAC4 458-100680		19 28 46.130	+01 30 07.01	Aql			12.38	0.471	0.3	<i>C</i>			JiP	2014
618	USNO-B1.0 0609-0268375		11 48 52.787	-29 00 48.19	Hya	EW		14.893	0.683	0.35	<i>V</i>	2456828.5691	0.2564	MM, JJ, KH	2014
619	USNO-B1.0 0608-0268629		11 48 39.326	-29 07 10.63	Hya	EW		15.738	0.602	0.3	<i>V</i>	2456828.532	0.281	MM, JJ, KH	2014
620	UCAC4 520-146298	1	23 57 55.173	+13 55 40.97	Peg	EA	10.02	9.185	0.215	0.21	<i>V</i>	2451481.6	2.483284	MM	2014
621	UCAC4 619-005784		02 06 40.726	+33 43 23.11	Tri	EA		12.481	0.557	0.8	<i>C</i>	2455916.4606	0.5373	PC	2011
622	UCAC4 535-128761	1	20 24 44.505	+16 48 59.50	Del	EW		12.817	0.378					MaZ	2014
623	UCAC4 629-006533		02 07 24.795	+35 40 01.55	And	EW	12.17	11.016	0.307			2454333.578	0.466395	FW	2014
624	USNO-B1.0 1236-0032423	1	02 04 35.437	+33 36 00.52	Tri	DSCT		16.098	0.677	0.2	<i>C</i>	2455916.38	0.1399	PC	2014
625	USNO-B1.0 1236-0033497		02 08 07.184	+33 39 52.12	Tri	EA		14.869	0.856	0.3	<i>C</i>	2456930.492	0.8945	PC	2014
626	UCAC4 511-105182		19 35 55.406	+12 08 25.33	Aql	EA	13.2	12.111	0.302	0.3	<i>V</i>	2451380.99	1.651042	MM, JJ, KH	2014
627	UCAC4 638-098298		20 50 08.464	+37 31 42.01	Cyg	DSCT	9.69	8.985	0.156	0.05	<i>V</i>		0.09	BH	2014
628	UCAC4 778-019076		05 20 29.861	+65 35 04.87	Cam	EW	14.62	13.088	0.458	0.49	<i>V</i>	2456919.5402	0.37729	FB	2014
629	UCAC4 780-015651		05 17 17.993	+65 49 36.08	Cam	EW	14.79	13.443	0.562	0.56	<i>V</i>	2456919.4296	0.273446	FB	2014
630	USNO-B1.0 1555-0104033		05 18 37.652	+65 30 31.26	Cam	EW		15.138	0.211	0.33	<i>V</i>			FB	2014
631	UCAC4 621-006270		02 08 54.434	+34 08 37.00	Tri	EA	16.13	12.834	0.861	0.2	<i>C</i>			PC	2014
632	UCAC4 622-005933		02 05 34.608	+34 18 36.01	Tri	EA	12.75	11.436	0.395	0.2	<i>C</i>	2454382.4256	2.37666	PC	2014
633	UCAC4 621-006204		02 07 33.284	+34 07 24.04	Tri	EW	12.91	11.233	0.533	0.02	<i>C</i>	2456985.3747	0.302411	PC	2014
634	UCAC4 770-041350		15 33 39.858	+63 56 00.59	Dra	EA	14.98	11.769	0.88					JaJ	2015
635	UCAC4 369-014664	1	06 30 55.358	-16 17 02.44	CMa	EA	9.38	7.905	0.171	0.07	<i>V</i>	2457046.765	2.776755	MM, JJ, KH	2015
636	UCAC4 609-022590		05 44 39.877	+31 36 55.90	Tri	EW		14.227	0.491	0.3	<i>C</i>	2457036.2425	0.3141	PC	2015
637	UCAC4 604-024027		05 44 42.060	+30 43 07.97	Aur	EW		14.362	0.531	0.3	<i>C</i>	2457036.8331	0.82616	PC	2015
638	UCAC4 603-025481		05 46 36.774	+30 33 49.96	Aur	ELL		14.534	0.638	0.2	<i>C</i>	2457036.402	0.192637	PC	2015
639	USNO-B1.0 1210-0100636		05 46 38.890	+31 02 11.13	Tri	EW		14.896	0.644	0.5	<i>C</i>	2457036.318	0.284428	PC	2015
640	UCAC4 604-024779		05 48 19.137	+30 38 47.00	Aur		13.38	12.289	0.295	0.09	<i>C</i>	2456713.4808	0.614175	PC	2015
641	UCAC4 512-075274		18 29 49.036	+12 21 20.37	Her	EA		13.652	0.509	0.8	<i>C</i>	2456519.4469	4.88315	PC	2014
642	USNO-B1.0 1214-0103086		05 46 45.181	+31 24 55.34	Aur	EW		15.629	0.646	0.2	<i>C</i>	2457071.38	0.5994	PC	2015
643	USNO-B1.0 1214-0103243		05 46 59.361	+31 29 58.96	Aur	EW		15.252	0.529	0.3	<i>C</i>	2456712.7816	0.213365	PC	2015
644	UCAC4 608-024593		05 47 12.302	+31 27 17.39	Aur	DSCT	14.94	13.316	0.345	0.05	<i>C</i>	2456684.4373	0.071578	PC	2015
645	USNO-B1.0 1212-0100443		05 47 36.865	+31 15 27.19	Aur	EB		15.46	0.598	0.4	<i>C</i>	2457036.2995	0.477544	PC	2015
646	USNO-B1.0 1208-0101118		05 47 49.465	+30 49 11.78	Aur	EW		14.998	0.692	0.45	<i>C</i>	2456712.349	0.350465	PC	2015

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
647	USNO-B1.0 1204-0101175		05 45 56.977	+30 29 20.01	Aur	EW		15.198	0.574	0.3	<i>C</i>	2456712.9173	0.286579	PC	2015
648	UCAC4 781-038272		21 48 08.566	+66 03 53.32	Cep	RRAB	16.89	14.352	0.491	1.2	<i>R_c</i>	2455106.7744	0.356447	JaJ	2011
649	USNO-B1.0 1559-0219682		21 47 25.567	+65 59 38.47	Cep	DSCT		15.582	0.596	0.25	<i>R_c</i>	2455109.5307	0.071385	JaJ	2011
650	UCAC4 780-039810		21 46 23.972	+65 59 43.77	Cep	EB	16.35	14.55	0.627	0.1	<i>R_c</i>	2455792.0513	0.350361	JaJ	2011
651	USNO-B1.0 1560-0216362		21 48 56.070	+66 01 05.03	Cep	EW		15.702	0.513	0.3	<i>R_c</i>	2456247.8133	0.616154	JaJ	2012
652	USNO-B1.0 1559-0220059		21 48 18.671	+65 57 34.62	Cep	EA		15.825	0.632	0.75	<i>R_c</i>	2455517.8805	0.908348	JaJ	2012
653	USNO-B1.0 1556-0223822		21 44 38.203	+65 38 59.95	Cep	EW		15.866	0.74	0.55	<i>R_c</i>	2455518.1082	0.320503	JaJ	2011
654	UCAC4 779-040018		21 43 43.695	+65 47 44.07	Cep	EW	15.93	14.001	0.513	0.2	<i>R_c</i>	2456056.7043	0.372589	JaJ	2011
655	UCAC4 801-014436		05 31 18.153	+70 05 13.95	Cam	DSCT	11.44	10.742	0.221	0.06	<i>V</i>	2457079.4798	0.0656	MM, JJ, KH	2015
656	UCAC4 529-032469		06 47 37.297	+15 44 49.59	Gem	EA	13.6	12.962	0.22			2457781.382	1.722519	LS	2015
657	UCAC4 608-023786		05 44 09.660	+31 35 08.15	Aur	DSCT		13.964	0.513			2456713.59	0.741113	PC	2015
658	UCAC4 605-024568		05 45 55.309	+30 55 14.53	Aur	EA		12.919	0.761			2457067.28	5.882051	PC	2015
659	UCAC4 607-023145		05 46 04.932	+31 20 22.88	Aur	EA	11.83	11.028	0.188					PC	2015
660	UCAC4 605-024803		05 46 56.239	+30 48 15.40	Aur	EA	15.18	13.189	0.513			2457079.7037	2.566155	PC	2015
661	UCAC4 607-023806		05 48 34.775	+31 19 10.09	Aur	EA	16.21	14.211	0.526			2457074.38	9.997461	PC	2015
662	UCAC4 731-025284	1	02 36 48.615	+56 04 11.92	Per	EA	12.97	12.053	0.122	0.65	<i>C</i>	2454417.9408	2.894365	MM, MJ	2014
663	UCAC4 847-011214		13 48 23.818	+79 19 16.50	Cam	EW		15.087	0.138					FB	2015
664	UCAC4 530-069219		17 54 23.333	+15 57 07.35	Her	RR:	15.09	13.88	0.215	0.45	<i>R_c</i>			HK	2013
665	UCAC4 693-036452		05 17 17.040	+48 34 56.60	Aur			15.058	0.778	0.6	<i>R_c</i>			HK	2014
666	UCAC4 808-026637		18 55 51.079	+71 30 06.58	Dra		15.56	14.09	0.396	0.65	<i>R_c</i>			HK	2013
667	UCAC4 619-036173	1	06 44 44.693	+33 39 27.88	Gem	EW:	15.5	14.182	0.462					HK	2013
668	UCAC4 590-099815		19 46 46.211	+27 58 50.10	Vul			14.554	0.265	0.25	<i>R_c</i>			HK	2013
669	UCAC4 757-073104		23 07 13.670	+61 14 23.01	Cep		15.67	12.991	0.704	0.35	<i>R_c</i>			HK	2013
670	UCAC4 772-061821		23 38 32.482	+64 16 20.14	Cep		14.93	12.942	0.5	0.15	<i>R_c</i>			HK	2013
671	UCAC4 772-061777		23 36 53.279	+64 19 34.09	Cep	EW:	15.87	13.391	0.695	0.3	<i>R_c</i>			HK	2013
672	UCAC4 772-061769		23 36 40.629	+64 22 56.29	Cep	EW:	14.61	11.754	0.655	0.1	<i>R_c</i>			HK	2013
673	UCAC4 718-013008		01 31 49.493	+53 26 44.80	Per	EA:	14.31	12.68	0.55	1.8	<i>R_c</i>			HK	2013
674	UCAC4 717-012343		01 30 04.699	+53 21 38.39	Per			14.447	0.512	0.4	<i>R_c</i>			HK	2013
675	UCAC4 718-012773		01 29 57.533	+53 26 58.94	Per		15.78	13.762	0.6	0.25	<i>R_c</i>			HK	2013
676	UCAC4 727-086056	1	22 25 49.757	+55 13 06.45	Lac	EA:	12.71	11.966	0.284	0.45	<i>R_c</i>			HK	2013
677	UCAC4 726-088390		22 26 05.503	+55 08 23.52	Lac	EA:	13.23	11.872	0.36	0.3	<i>R_c</i>			HK	2013
678	UCAC4 727-085611		22 24 35.984	+55 15 51.93	Lac			14.671	0.375	0.5	<i>R_c</i>			HK	2013
679	UCAC4 725-061039		19 18 12.310	+54 50 02.12	Cyg	EW	14.08	13.142	0.485	0.3	<i>C</i>	2457154.5317	0.345444	PaS	2015
680	UCAC4 378-014306		06 26 17.690	-14 30 28.70	CMa	DSCT	9.39	8.484	0.187	0.02	<i>V</i>	2451868.9638	0.083704	MM, JJ, KH	2015
681	UCAC4 623-107807	1	20 52 01.831	+34 29 53.84	Cyg	HADS	10.51	9.852	0.137	0.15	<i>C</i>	2454274.93	0.072616	MM	2015
682	UCAC4 718-105787		22 54 41.336	+53 29 12.15	Lac		12.6	11.275	0.362					AJ	2015
683	UCAC4 843-006514		05 01 05.389	+78 31 12.60	Cam		14.43	13.028	0.503					AJ	2012
684	UCAC4 734-027244	1	02 42 27.258	+56 41 22.47	Lac		11.18	10.16	0.159					AJ	2015

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
685	UCAC4 718-105942		22 55 17.553	+53 30 04.75	Per	EB		14.269	0.574	0.1	<i>V</i>	2454420.1689	0.506252	MM, MJ	2014
686	UCAC4 734-027773		02 47 14.939	+56 45 36.80	Per	HADS	12.62	10.649	0.423	0.15	<i>C</i>	2454388.1138	0.15493	MM, MJ	2014
687	UCAC4 743-024167		02 29 23.682	+58 26 03.62	Per	EA		12.459	0.777	0.21	<i>C</i>	2454422.077	3.064787	MM, MJ	2014
688	UCAC4 732-026712		02 47 20.119	+56 15 05.63	Per	EA	13.14	11.184	0.325	0.3	<i>C</i>	2454375.7653	3.46775	MM, MJ	2014
689	UCAC4 738-029920		03 05 03.736	+57 30 46.89	Cas	EW	13.57	11.564	0.47	0.07	<i>C</i>	2454418.0022	0.436586	MM, MJ	2014
690	UCAC4 717-104071		22 55 30.423	+53 22 02.81	Lac	EW	15.55	14.062	0.375	0.589	<i>V</i>	2457220.4411	0.391099	AG	2015
691	UCAC4 747-023221		02 36 24.482	+59 21 34.62	Cas	EW	13.73	11.526	0.496	0.25	<i>C</i>	2454411.8275	0.822707	MM, MJ	2014
692	UCAC4 734-025468		02 30 09.358	+56 38 49.61	Per	EW	14.02	12.945	0.32	0.2	<i>C</i>	2454418.3808	0.552792	MM, MJ	2014
693	UCAC4 727-022606		02 31 23.891	+55 13 12.38	Per	EW	14.04	12.429	0.43	0.18	<i>C</i>	2454669.0512	0.385208	MM, MJ	2014
694	UCAC4 743-026050		02 43 50.861	+58 26 00.41	Cas	RRC	14.21	11.916	0.518	0.2	<i>C</i>	2454418.6248	0.33188	MM, MJ	2014
695	UCAC4 727-023920		02 39 58.753	+55 15 46.43	Per	EW	14.22	12.38	0.669	0.17	<i>C</i>	2454418.9043	0.269058	MM, MJ	2014
696	UCAC4 723-025086		02 33 45.746	+54 34 26.09	Per	EW	13.86	11.813	0.58	0.15	<i>C</i>	2454394.661	0.28222	MM, MJ	2014
697	UCAC4 734-026183		02 34 14.437	+56 36 25.85	Per	EA	13.38	11.632	0.433	0.25	<i>C</i>	2453205.92	4.415011	MM, MJ	2014
698	UCAC4 743-024357		02 30 44.940	+58 25 47.32	Per	EB	10.93	9.9	0.19	0.1	<i>C</i>	2453225.1188	0.874126	MM, MJ	2014
699	UCAC4 724-025843		02 40 40.422	+54 40 31.14	Per	EB	13.15	11.984	0.225	0.43	<i>C</i>	2454355.331	1.627537	MM, MJ	2014
700	UCAC4 512-075713		18 31 24.024	+12 23 25.78	Her	EA		11.387	0.734	0.25	<i>C</i>	2457238.4109	0.498392	PC	2014
701	UCAC4 722-025572		02 40 23.897	+54 14 34.92	Per	EA	10.83	9.428	0.337	0.21	<i>C</i>			MM, MJ	2014
702	UCAC4 635-003412		01 01 51.146	+36 57 00.22	And	EA	11.68	11.187	0.194	0.2	<i>C</i>	2453168.9102	1.179663	MM, MJ	2014
703	UCAC4 633-003468		01 00 25.532	+36 32 05.37	And	EA	10.84	10.087	0.166	0.07	<i>C</i>	2453225.5547	2.162295	MM, MJ	2014
704	UCAC4 638-003015		00 50 53.028	+37 35 37.70	And	EW	12.73	11.519	0.313	0.16	<i>C</i>	2453167.9411	0.46799	MM, MJ	2014
705	UCAC4 730-024236		02 34 26.541	+55 50 36.38	Per	DSCT	10.76	9.618	0.333	0.04	<i>C</i>	2454332.7715	0.088506	MM, MJ	2014
706	UCAC4 727-022153		02 28 51.951	+55 19 27.70	Per	EW	13.79	12.32	0.397	0.17	<i>C</i>	2453196.2324	0.426203	MM, MJ	2014
707	UCAC4 521-131413	1	20 32 21.364	+14 02 04.88	Del	EW	11.4	10.452	0.206	0.22	<i>V</i>	2457245.8	0.461385	MM	2015
708	CzeV 54													LS	2015
709	UCAC4 718-108144		23 04 16.383	+53 29 44.78	Cas	HADS	11.93	10.742	0.254	0.17	<i>C</i>	2457240.426	0.133547	PP	2015
710	UCAC4 725-101725		23 09 27.869	+54 51 23.27	Cas	EW	11.61	10.007	0.401	0.14	<i>C</i>	2453903.093	0.367023	PP	2015
711	UCAC4 725-101699	1	23 09 19.529	+54 57 57.18	Cas	EA	10.71	9.966	0.11	0.18	<i>C</i>	2453904.105	1.98062	PP	2015
712	UCAC4 563-102465		20 01 10.077	+22 31 19.21	Vul	DSCT	12.78	11.562	0.259					FW	2014
713	UCAC4 562-102897		20 01 16.154	+22 17 26.37	Vul	EA	14.39	12.983	0.422	0.3	<i>C</i>			FW	2015
714	UCAC4 772-057924	1	22 50 22.157	+64 12 06.94	Cep	EA	10.54	9.242	0.328	0.18	<i>C</i>	2451324.7463	3.79464	MM	2015
715	UCAC4 722-105015		23 10 42.403	+54 14 33.30	Cas	EW	11.86	10.763	0.269	0.083	<i>C</i>	2453903.49	0.439876	PP	2015
716	USNO-B1.0 1027-0416235		18 26 13.467	+12 47 32.63	Her	EA		15.331	0.584	0.6	<i>C</i>	2457243.4849	0.75842	PC	2015
717	USNO-B1.0 1023-0402291		18 26 59.990	+12 24 00.31	Her	RR		15.605	0.641			2457240.9754	0.53888	PC	2015
718	USNO-B1.0 1028-0416118		18 26 22.553	+12 48 08.76	Her	EW		15.422	0.479	0.3	<i>C</i>	2457267.334	0.333914	PC	2015
719	UCAC4 512-074207		18 26 28.525	+12 22 01.66	Her	HADS:	15.94	14.963	0.247	0.5	<i>C</i>	2457240.7073	0.370316	PC	2015
720	USNO-B1.0 1017-0364735		18 26 30.553	+11 42 35.28	Oph	EW		15.007	0.261	0.25	<i>C</i>	2457227.665	0.384872	PC	2015
721	USNO-B1.0 1029-0400263		18 26 47.630	+12 58 13.61	Her	EW		15.355	0.711	1	<i>C</i>	2457226.665	0.3385	PC	2015
722	UCAC4 516-077209		18 27 54.383	+13 01 01.15	Her	RR		15.016	0.481	1.3	<i>C</i>	2457227.5742	0.58275	PC	2015

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
723	UCAC4 509-078342		18 28 08.124	+11 37 06.03	Oph	RR		14.968	0.259			2457227.2	0.336058	PC	2015
724	UCAC4 516-077331		18 28 12.904	+13 05 02.72	Her	EW	15.21	13.869	0.415	0.45	<i>C</i>	2457227.35	0.435206	PC	2015
725	UCAC4 515-076989		18 29 00.307	+12 52 51.05	Her	EW		15.083	0.513	0.5	<i>C</i>	2457243.46	0.358768	PC	2015
726	USNO-B1.0 1026-0405807		18 29 02.550	+12 39 45.18	Her	HADS		15.998	1.033	0.5	<i>C</i>	2547226.451	0.050122	PC	2015
727	UCAC4 515-077089		18 29 18.524	+12 59 05.99	Her	EA		13.122	0.168	0.41	<i>C</i>	2477227.96	1.573557	PC	2015
728	USNO-B1.0 1024-0405196		18 29 27.929	+12 25 00.29	Her	EW		15.369	0.664	0.5	<i>C</i>	2457226.487	0.296868	PC	2015
729	USNO-B1.0 1030-0379571		18 29 28.923	+13 02 55.14	Her	EW		15.326	0.212	0.3	<i>C</i>	2457227.2595	0.418218	PC	2015
730	UCAC4 509-078954		18 29 37.968	+11 37 06.49	Oph	DSCT	13.74	12.816	0.208	0.15	<i>C</i>	2457227.251	0.038437	PC	2015
731	USNO-B1.0 1030-0379919		18 29 42.346	+13 01 30.39	Her	RRAB		16.012	0.717	1.2	<i>C</i>	2457267.4	0.4769	PC	2015
732	UCAC4 510-080548		18 29 45.121	+11 49 24.10	Oph	EA		14.428	0.65	0.3	<i>C</i>	2456522.46	1.360243	PC	2015
733	UCAC4 509-079013		18 29 45.665	+11 38 08.08	Oph	EW	14.25	13.181	0.319	0.3	<i>C</i>	2457227.4804	0.308713	PC	2015
734	UCAC4 510-080678		18 30 07.823	+11 59 49.88	Her	DSCT	12.83	11.503	0.276	0.03	<i>C</i>	2457239.6411	0.101301	PC	2015
735	USNO-B1.0 1016-0351401	1	18 30 39.069	+11 38 15.74	Oph	EW		15.779	0.661	0.7	<i>C</i>	2457226.827	0.349425	PC	2015
736	USNO-B1.0 1027-0422387		18 30 42.635	+12 46 46.16	Her	EW		14.96	0.525	0.3	<i>C</i>	2457226.692	0.33957	PC	2015
737	UCAC4 509-079392		18 30 49.624	+11 39 50.57	Oph	EW		13.986	0.47	0.55	<i>C</i>	2457239.6311	0.434365	PC	2015
738	USNO-B1.0 1017-0371489		18 31 11.940	+11 46 23.42	Oph	EW		15.193	0.46	0.8	<i>C</i>	2457240.1131	0.404109	PC	2015
739	UCAC4 511-077690		18 31 16.650	+12 02 11.36	Oph	RR:		14.155	0.729	0.4	<i>C</i>			PC	2015
740	UCAC4 514-077400		18 31 25.294	+12 36 49.70	Her	EW:		14.571	0.659	0.3	<i>C</i>	2457227.4	0.558682	PC	2015
741	USNO-B1.0 1027-0423449		18 31 25.377	+12 47 33.05	Her	EW		15.308	0.662	0.6	<i>C</i>	2457226.9158	0.301679	PC	2015
742	UCAC4 514-077410		18 31 29.036	+12 43 09.08	Her	EW	16.13	14.636	0.355	0.35	<i>C</i>	2457227.0109	0.63799	PC	2015
743	UCAC4 513-079045		18 31 36.523	+12 31 47.89	Her	EW		13.638	0.37	0.3	<i>C</i>	2457238.4213	0.648056	PC	2015
744	UCAC4 513-079069		18 31 41.574	+12 27 54.73	Her	RR		14.199	0.441	0.55	<i>C</i>	2457240.1357	0.30953	PC	2015
745	USNO-B1.0 1024-0408956		18 31 51.987	+12 26 26.04	Her	EA		15.835	0.432	0.8	<i>C</i>			PC	2015
746	UCAC4 512-075872		18 31 54.408	+12 21 57.53	Her	EW	15.64	13.655	0.406	0.4	<i>C</i>	2457240.2163	0.416555	PC	2015
747	UCAC4 513-079147		18 31 57.661	+12 25 50.93	Her	EW	16.6	15.096	0.421	0.4	<i>C</i>	2457227.5981	0.528219	PC	2015
748	USNO-B1.0 1026-0410168		18 31 57.718	+12 37 48.78	Her	EW		15.474	0.029	0.3	<i>C</i>	2457227.949	0.575177	PC	2015
749	UCAC4 515-077832		18 32 13.481	+12 56 14.44	Her	EW	15.81	14.312	0.375	0.35	<i>C</i>	2457243.68	0.569411	PC	2015
750	UCAC4 607-119579		21 12 56.648	+31 22 21.64	Cyg	EW	14.83	13.277	0.371	0.52	<i>C</i>	2457256.398	0.366225	FW	2015
751	UCAC4 515-076457		18 26 46.600	+12 54 36.19	Her	DSCT	12.34	11.474	0.159	0.05	<i>C</i>	2457239.56	0.055888	PC	2015
752	UCAC4 603-122213	1	20 55 37.498	+30 31 51.91	Cyg	EW		13.061	0.402	0.37	<i>V</i>	2456906.401	0.36786	RFA	2015
753	UCAC4 704-063817	1	19 28 37.437	+50 39 52.91	Cyg	EW	14.64	13.732	0.322	0.33	<i>V</i>	2457256.3664	0.3871	RFA	2015
754	UCAC4 682-072237	1	19 49 02.274	+46 13 41.13	Cyg	EW	15.49	14.269	0.197	0.34	<i>R_c</i>	2457264.408	0.531434	LS	2015
755	UCAC4 681-073781		19 48 26.575	+46 05 22.68	Cyg	EA	14.83	13.827	0.235	1.02	<i>V</i>	2457265.5204	0.689513	LS	2015
756	UCAC4 684-117279		22 18 15.003	+46 46 44.39	Lac	EW	13.61	12.859	0.238	0.1	<i>V</i>			FB	2015
757	UCAC4 684-116932		22 17 01.940	+46 36 26.66	Lac	DSCT	14.16	13.35	0.235	-0.02	<i>V</i>			FB	2015
758	UCAC4 685-117429		22 16 54.820	+46 50 11.75	Lac	EW		13.127	0.318	0.28	<i>V</i>			FB	2015
759	UCAC4 684-116482		22 15 21.124	+46 41 23.46	Lac	EW	14.98	13.35	0.538	0.09	<i>V</i>			FB	2015
760	UCAC4 684-116665		22 16 07.387	+46 41 50.03	Lac	EW		12.591	0.813	0.11	<i>V</i>			FB	2015

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
761	UCAC4 684-117244		22 18 07.986	+46 45 09.14	Lac	EW	15.62	14.702	0.396	0.19	<i>V</i>			FB	2015
762	UCAC4 685-117587		22 17 17.639	+46 56 19.37	Lac	EW		14.935	0.478	0.32	<i>V</i>			FB	2015
763	USNO-B1.0 1365-0468206		22 17 20.809	+46 33 48.57	Lac	EW		15.628	0.158	0.32	<i>V</i>			FB	2015
764	USNO-B1.0 1367-0484788		22 16 10.552	+46 46 13.00	Lac	EW		15.378	0.543	0.59	<i>V</i>			FB	2015
765	UCAC4 684-116764		22 16 29.337	+46 43 00.38	Lac	DSCT	13.59	12.73	0.221	0.05	<i>V</i>			FB	2015
766	USNO-B1.0 1369-0505219		22 16 22.085	+46 57 08.57	Lac	EW		16.23	0.325	0.8	<i>V</i>			FB	2015
767	UCAC4 719-094185	1	22 27 50.331	+53 42 58.16	Lac	EA	15.71	14.169	0.429	0.41	<i>C</i>	2457279.4231	1.982062	LS	2015
768	UCAC4 719-094354	1	22 28 20.565	+53 45 49.40	Lac	EA	15.67	13.668	0.69	0.93	<i>C</i>	2457278.3008	0.580939	LS	2015
769	UCAC4 720-094891		22 29 52.532	+53 53 35.25	Lac	EW	16.18	14.511	0.403	0.62	<i>C</i>	2457279.1105	0.37863	LS	2015
770	UCAC4 720-094324	1	22 28 10.772	+53 56 11.60	Lac	EW		14.604	0.209	0.38	<i>C</i>	2457279.0587	0.320041	LS	2015
771	UCAC4 720-094217	1	22 27 46.989	+53 54 56.31	Lac	RRAB:	14.64	12.249	0.775	0.25	<i>C</i>	2457280.3306	0.659848	LS	2015
772	UCAC4 796-009649		03 36 58.852	+69 03 32.06	Cas	EW	15.13	12.902	0.462	0.25	<i>V</i>	2457298.4915	0.404	LS	2015
773	CzeV329													LS	2015
774	UCAC4 735-075814		21 32 50.144	+56 56 27.58	Cep	EA		13.254	0.803	0.7	<i>V</i>	2457329.42	3.636364	PC	2015
775	USNO-B1.0 1476-0436656		21 33 08.124	+57 40 58.23	Cep	EB		14.839	0.749	0.8	<i>R_c</i>	2457288.9561	0.670196	PC	2015
776	UCAC4 735-075949		21 33 43.560	+56 55 36.52	Cep	EA	16.96	14.028	0.608	0.3	<i>V</i>			PC	2015
777	UCAC4 736-078000		21 33 48.170	+57 03 03.40	Cep	DSCT	16	13.54	0.513	0.2	<i>V</i>	2457287.382	0.08992	PC	2015
778	UCAC4 738-076567		21 34 08.538	+57 24 19.52	Cep	EW		13.955	0.695	0.4	<i>V</i>	2457287.7098	0.366932	PC	2015
779	UCAC4 736-078181		21 34 46.651	+57 01 29.67	Cep	RRC	14.09	12.039	0.674	0.12	<i>V</i>	2457288.7415	0.449573	PC	2015
780	UCAC4 734-075209		21 34 47.350	+56 47 35.29	Cep	EA		13.115	1.005	0.5	<i>V</i>	2457298.4397	4.4414	PC	2015
781	UCAC4 736-078192		21 34 51.979	+57 04 03.14	Cep	EA		14.34	0.636	0.6	<i>R_c</i>			PC	2015
782	USNO-B1.0 1481-0402612		21 35 07.025	+58 06 50.53	Cep	EA		13.828	0.894	0.4	<i>R_c</i>	2457326.288	0.67357	PC	2015
783	UCAC4 741-074555		21 35 40.191	+58 00 50.05	Cep	EA		13.366	0.767	0.7	<i>V</i>	2457298.5595	1.5525	PC	2015
784	UCAC4 734-075320		21 35 46.732	+56 45 59.32	Cep	RR:	14.24	11.32	0.677	0.4	<i>V</i>	2457288.8385	0.75884	PC	2015
785	UCAC4 740-073708		21 35 52.888	+57 57 22.73	Cep	EW	15.81	13.015	0.695	0.3	<i>V</i>	2457298.302	0.427796	PC	2015
786	UCAC4 736-078373	1	21 35 55.334	+57 02 04.14	Cep	EA	14.66	13.423	0.381	0.83	<i>V</i>	2457298.3787	2.176	PC	2015
787	USNO-B1.0 1477-0442753		21 36 02.881	+57 46 37.07	Cep	EW		13.263	0.857	0.4	<i>R_c</i>	2457287.4098	0.40293	PC	2015
788	UCAC4 737-076236		21 36 20.305	+57 12 55.89	Cep	DSCT	13.51	11.562	0.461	0.08	<i>V</i>	2457287.5384	0.08358	PC	2015
789	UCAC4 742-073521		21 36 30.819	+58 13 19.99	Cep	DSCT	13.44	11.347	0.472	0.05	<i>R_c</i>	2457287.973	0.27635	PC	2015
790	UCAC4 740-073786		21 36 32.312	+57 56 52.04	Cep	EB	15.35	13.75	0.482	0.6	<i>V</i>	2457287.802	0.422119	PC	2015
791	2MASS 21364100+5644596		21 36 40.995	+56 44 59.72	Cep	EW+DSCT		14.394	0.411	0.25	<i>R_c</i>	2457291.9246	1.438642	PC	2015
792	USNO-B1.0 1472-0442170		21 36 37.919	+57 14 38.64	Cep	EW		14.789	0.626	0.6	<i>R_c</i>	2457297.283	0.366374	PC	2015
793	USNO-B1.0 1481-0404352		21 37 08.590	+58 07 30.86	Cep	EW		13.788	0.722	0.4	<i>V</i>	2457287.6715	0.407714	PC	2015
794	UCAC4 739-073649		21 37 11.249	+57 39 16.99	Cep	EA	15.55	13.171	0.772	0.25	<i>V</i>	2457299.4602	0.375855	PC	2015
795	USNO-B1.0 1471-0431925		21 37 23.147	+57 07 05.03	Cep	EW		15.101	0.733	0.7	<i>R_c</i>	2457326.36	0.380772	PC	2015
796	USNO-B1.0 1468-0404092		21 37 43.196	+56 51 43.12	Cep	DSCT		15.317	0.681	0.4	<i>R_c</i>	2457327.454	0.098763	PC	2015
797	UCAC4 737-076558		21 37 46.968	+57 19 06.39	Cep	SR:	14.58	12.204	0.728	0.15	<i>R_c</i>			PC	2015
798	UCAC4 738-077199	1	21 37 58.131	+57 31 20.16	Cep	RR:		12.829	1.105	0.7	<i>R_c</i>	2457291.748	1.383509	PC	2015

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J</i> − <i>K</i>	<i>A</i>	<i>F</i>	<i>M</i> 0	<i>P</i>	Discoverer	Year
799	UCAC4 738-077230	21 38	04.272	+57 27 47.87	Cep	EA	14.528	0.37	0.6	<i>V</i>	2457289.5866	1.2518		PC	2015
800	UCAC4 742-073727	21 38	11.569	+58 13 46.46	Cep	EW	15.75	13.408	0.763	0.3	<i>R_c</i>	2457301.4047	0.885074	PC	2015
801	UCAC4 739-073979	21 38	54.830	+57 41 21.29	Cep	EW	16.27	13.67	0.751	0.25	<i>V</i>	2457287.7882	0.292065	PC	2015
802	UCAC4 742-073838	21 39	14.862	+58 14 16.60	Cep	DSCT	12.58	10.673	0.468	0.1	<i>V</i>	2457297.5413	0.09858	PC	2015
803	UCAC4 737-077002	21 39	47.647	+57 13 11.01	Cep	EB	15.85	13.777	0.501	0.8	<i>R_c</i>	2457288.0411	0.493291	PC	2015
804	UCAC4 735-076926	21 39	20.359	+56 54 51.54	Cep	EA	14.19	12.083	0.542					PC	2015
805	UCAC4 738-077565	21 39	29.577	+57 33 41.77	Cep	RR	12.823	0.956	0.3	<i>V</i>	2457289.1649	0.861698		PC	2015
806	USNO-B1.0 1477-0445936	21 39	30.564	+57 43 39.26	Cep	EA	14.858	0.718	1	<i>R_c</i>	2457329.343	2.1944		PC	2015
807	UCAC4 738-077606	21 39	40.048	+57 30 34.94	Cep		14.14	11.243	0.844					PC	2015
808	UCAC4 739-074107	21 39	40.803	+57 36 54.92	Cep	EW	16.47	13.845	0.696	0.5	<i>V</i>	2457288.9445	0.7785	PC	2015
809	UCAC4 737-077015	21 39	51.426	+57 16 56.48	Cep	DSCT	14.31	12.715	0.365	0.05	<i>R_c</i>	2457287.5865	0.112556	PC	2015
810	UCAC4 735-077057	21 40	06.665	+56 50 52.83	Cep	EB	15.88	13.907	0.54	0.35	<i>R_c</i>	2457287.4689	0.616599	PC	2015
811	UCAC4 735-077100	21 40	17.173	+56 51 33.11	Cep	EA	14.35	12.301	0.685	0.55	<i>V</i>	2457297.339	0.8048	PC	2015
812	USNO-B1.0 1477-0446775	21 40	22.697	+57 46 24.08	Cep	UV		12.896	1.286	1	<i>V</i>			PC	2015
813	UCAC4 739-074237	21 40	31.086	+57 45 29.56	Cep	DSCT	11.93	11.067	0.208	0.9	<i>R_c</i>	2457288.16	0.59312	PC	2015
814	UCAC4 741-075123	21 40	51.308	+58 11 41.62	Cep	EA	15.45	13.166	0.565			245789.3515	1.08015	PC	2015
815	UCAC4 737-077268	21 40	57.529	+57 22 09.29	Cep	EW	14.21	12.605	0.432	0.15	<i>V</i>	2457288.3018	0.449944	PC	2015
816	UCAC4 741-075134	21 41	01.323	+58 04 49.48	Cep	HADS	13.2	11.195	0.472	0.43	<i>V</i>	2457287.5359	0.106447	PC	2015
817	UCAC4 734-076185	21 41	03.608	+56 47 39.17	Cep	EA		14.243	0.601					PC	2015
818	UCAC4 739-074367	21 41	15.398	+57 45 29.98	Cep	DSCT	12.99	10.992	0.602					PC	2015
819	UCAC4 739-074484	21 42	06.293	+57 44 31.93	Cep	DSCT		12.06	1.012					PC	2015
820	UCAC4 735-077498	21 42	09.297	+56 54 18.61	Cep	EW		13.272	0.432	0.3	<i>V</i>	2457329.261	0.468724	PC	2015
821	UCAC4 738-078138	21 42	15.946	+57 31 14.46	Cep	EA	13.54	11.724	0.393	0.8	<i>V</i>	2457327.251	1.676	PC	2015
822	UCAC4 738-078201	21 42	53.014	+57 26 38.85	Cep	EA	15.26	13.163	0.53					PC	2015
823	USNO-B1.0 1479-0433380	21 42	53.489	+57 55 08.64	Cep	SR:		14.375	1.785					PC	2015
824	UCAC4 736-079795	21 42	58.385	+57 09 36.41	Cep	DCEP	16	11.834	1.194	0.5	<i>R_c</i>	2457295.35	3.214401	PC	2015
825	UCAC4 741-075395	21 43	17.476	+58 05 31.05	Cep	EW:		13.79	0.637	1.1	<i>V</i>	2457287.7756	0.528734	PC	2015
826	UCAC4 734-076478	21 43	17.798	+56 46 42.86	Cep	EW	13.66	11.913	0.484	0.12	<i>V</i>	2457287.9075	0.312005	PC	2015
827	UCAC4 735-077692	21 43	39.043	+56 57 47.72	Cep	EA	13.71	12.157	0.521	0.25	<i>V</i>	2457298.3188	0.78575	PC	2015
828	USNO-B1.0 1473-0447690	21 43	44.707	+57 21 47.45	Cep	EA		14.65	1.051					PC	2015
829	USNO-B1.0 1480-0414081	21 35	37.578	+58 03 29.53	Cep	EA		15.146	0.411					PC	2015
830	UCAC4 735-077217	21 40	48.396	+56 55 01.01	Cep	EA		14.205	0.78					PC	2015
831	UCAC4 344-006336	04 56	16.746	-21 15 02.61	Lep	EW	14.77	13.443	0.389	0.5	<i>R_c</i>	2457363.5654	0.30718	MM, KH, JJ	2015
832	UCAC4 707-012784	01 43	46.895	+51 22 56.10	Per	EW		15.05	0.506			2457363.3817	0.306717	FB	2015
833	UCAC4 708-013140	01 42	43.098	+51 30 23.74	Per	EA		15.441	0.333					FB	2015
834	UCAC4 708-013216	01 43	14.837	+51 25 40.94	Per	DSCT	15.36	13.845	0.422					FB	2015
835	USNO-B1.0 1413-0045629	01 42	44.427	+51 22 11.49	Per	EW		15.958	0.29			2457363.3559	0.329957	FB	2015
836	USNO-B1.0 1416-0050199	01 40	25.801	+51 40 28.45	Per	EW		15.651	0.504					FB	2015

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	V	J	J - K	A	F	M0	P	Discoverer	Year
837	UCAC4 796-009577		03 35 20.310	+69 00 00.76	Cas	EA	13.01	11.383	0.482	0.72	C	2457755.3783	4.60776	FB	2015
838	UCAC4 458-021488	1	06 38 55.096	+01 28 28.98	Mon	EA	12.95	11.693	0.43	0.39	V	2457426.311	3.533603	MM	2016
839	UCAC4 539-048613	1	09 50 56.874	+17 39 31.57	Leo	EA	12.47	11.358	0.355	0.27	V	2457448.564	2.95525	MM, KH, JJ	2016
840	UCAC4 184-071992	1	11 33 43.054	-53 14 41.44	Cen	DSCT	11.15	10.394	0.213	0.09	V	2451886.534	0.161176	MM, KH, JJ	2016
841	UCAC4 631-023180		05 11 16.442	+36 02 04.13	Aur	DSCT	16.06	13.984	0.56	0.5	V	2457445.3578	0.08623	LS	2016
842	UCAC4 632-022976		05 11 17.027	+36 13 26.37	Aur	EW	15	13.086	0.579			2457445.4918	0.299531	LS	2016
843	USNO-B1.0 0446-0346054		14 09 06.993	-45 18 18.32	Cen	RRAB:		15.304	0.582			2457478.7878	0.42	JL	2016
844	USNO-B1.0 1208-0099291		05 45 09.626	+30 48 30.66	Aur	EW		15.577	0.65	0.7	C	2456712.8633	0.310452	PC	2016
845	UCAC4 604-024193		05 45 26.771	+30 40 35.72	Aur	EA	15.51	13.494	0.439	0.8	C			PC	2016
846	UCAC4 602-024009		05 45 30.791	+30 14 47.00	Aur	EW	15.62	13.681	0.566	0.4	C	2457388.1779	0.393157	PC	2016
847	UCAC4 606-023658		05 46 28.931	+31 03 43.64	Aur	EA		14.793	0.324	0.3	C			PC	2016
848	USNO-B1.0 1202-0100381		05 46 31.085	+30 13 00.07	Aur	EW		14.909	0.799	0.6	C	2457430.055	0.24947	PC	2016
849	USNO-B1.0 1202-0100450		05 46 37.344	+30 16 42.88	Aur	EW		14.886	0.42	0.5	C	2457430.5042	0.309836	PC	2016
850	UCAC4 602-024307		05 46 56.667	+30 16 34.65	Aur	EW DSCT		11.083	0.314	0.04	C	2457387.9013	0.111447	PC	2016
851	UCAC4 602-024784		05 48 53.010	+30 16 03.62	Aur	EW	15.27	13.964	0.365	0.5	C	2457388.4137	0.546348	PC	2016
852	UCAC4 602-025098		05 49 55.024	+30 22 03.27	Aur	E:		14.443	0.668	0.4	C	2457388.4142	0.390137	PC	2016
853	UCAC4 608-025471		05 50 10.796	+31 27 07.95	Aur	DSCT	13.7	12.538	0.319			2455970.4414	0.083104	PC	2016
854	UCAC4 605-025696		05 50 16.110	+30 52 29.71	Aur	DSCT	14.16	13.221	0.391	0.04	C	2456351.3469	0.069478	PC	2016
855	USNO-B1.0 1208-0102955		05 50 20.329	+30 48 52.12	Aur	DSCT:		15.39	0.687	0.3	C	2455968.7016	0.169743	PC	2016
856	UCAC4 604-025533		05 50 53.590	+30 39 45.38	Aur	DSCT:	14.02	12.384	0.377	0.05	C	2456351.9674	0.337941	PC	2016
857	USNO-B1.0 1202-0103603		05 50 53.746	+30 15 58.68	Aur	EW		14.961	0.628	0.8	C	2457781.365	0.427332	PC	2016
858	UCAC4 604-025683		05 51 24.693	+30 36 35.34	Aur	DSCT	14.51	13.009	0.409	0.2	C	2457388.1005	0.125263	PC	2016
859	USNO-B1.0 1212-0100750		05 47 59.644	+31 15 45.12	Aur	UV		13.377	0.987	1	C			PC	2016
860	UCAC4 604-024714		05 48 02.124	+30 39 39.27	Aur	EA		14.027	0.487	0.1	C	2457753.525	0.541554	PC	2016
861	UCAC4 602-025514		05 51 23.259	+30 15 24.02	Aur	EA:	15.92	13.809	0.674			2457716.7786	2.637236	PC	2016
862	UCAC4 288-132362		17 34 14.483	-32 28 18.98	Sco	EA	12	11.249	2.132	0.17	V	2457511.46	1.84	MZ	2016
863	UCAC4 793-016736		05 43 23.822	+68 29 39.83	Cam	EB	15.02	14.207	0.415	0.73	V	2457521.2055	0.42715	LS	2016
864	UCAC4 688-062462	1	18 12 00.076	+47 29 00.41	Her	DSCT	12.83	12.293	0.128	0.26	C	2453901.664	0.072691	LC	2016
865	UCAC4 337-006572		05 00 29.989	-22 41 44.18	Lep	SRS	11.2	6.875	1.175	0.08	V	2451863	19.561	MM, KH, JJ	2016
866	UCAC4 145-071071	1	11 06 07.883	-61 09 09.26	Car	EA	9.72	9.5	-0.107	0.11	V	2451886.29	6.10165	MM, KH, JJ	2016
867	UCAC4 363-156219		18 40 04.767	-17 32 01.24	Sgr	EA	12.45	10.868	0.124	0.49	V	2451964.47	1.18805	MM, KH, JJ	2016
868	UCAC4 487-068071		17 34 54.178	+07 17 47.66	Oph	RRAB	15.11	14.566	0.257	1.1	C	2457547.55	0.44684	MM	2016
869	UCAC4 487-068224		17 35 49.006	+07 13 23.39	Oph	EW	14.25	13.132	0.412	0.16	C	2457546.5	0.32862	MM	2016
870	UCAC4 487-068202		17 35 39.963	+07 12 42.42	Oph	EW	14.21	13.108	0.544	0.42	C	2457546.385	0.25778	MM	2016
871	UCAC4 486-069571		17 34 52.841	+07 09 55.38	Oph	RRAB	15.39	14.558	0.477	0.9	C	2457546.505	0.3787	MM	2016
872	UCAC4 487-067878		17 33 28.537	+07 21 14.06	Oph	EW	15.79	13.583	0.734	0.22	C	2457546.423	0.2588	MM	2016
873	USNO-B1.0 0970-0358248		17 36 25.088	+07 01 49.50	Oph	EW		14.632	0.569			2457555.516	0.30798	MM	2016
874	UCAC4 485-068418		17 33 13.450	+06 51 17.79	Oph	EW	13.13	12.005	0.307			2457555.905	0.9127	MM	2016

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
875	UCAC4 485-068341	17 32	41.983	+06 54 04.39	Oph	RR:	13.757	0.337						MM	2016
876	UCAC4 485-068762	17 35	44.805	+06 50 59.64	Oph	EW	12.89	12.147	0.195			2457555.724	0.51902	MM	2016
877	UCAC4 262-151995	18 03	39.100	-37 43 47.67	CrA	EA	8.637	8.13	0.061	0.32	<i>V</i>	2451959.45	7.8961	MM, KH, JJ	2016
878	USNO-B1.0 0974-0366974	17 36	02.53	+07 26 07.07	Oph	RRAB		15.496	0.347	1.1	<i>C</i>	2457571.473	0.3304	MM	2016
879	UCAC4 098-000197	00 12	07.715	-70 33 02.08	Tuc	EW	13.64	12.309	0.449	0.3	<i>V</i>	2457579.78	0.34502	MM, KH, JJ	2016
880	UCAC4 737-077017	21 39	52.721	+57 22 00.04	Cep	EA	11.92	10.374	0.388	0.15	<i>C</i>	2453903.4077	1.501276	FW	2016
881	UCAC4 562-069636	18 28	23.429	+22 23 38.44	Her	EW		11.85	0.212	0.14	<i>C</i>	2453129.7535	0.634276	FW	2016
882	UCAC4 261-148504	17 59	13.276	-37 48 21.40	CrA	EW		12.405	0.373	0.25	<i>R_c</i>			MM, KH, JJ	2016
883	UCAC4 582-104411	20 27	17.938	+26 18 19.66	Vul	DSCT	12.42	11.268	0.328	0.09	<i>C</i>	2453128.9781	0.103787	LC	2016
884	UCAC4 269-124897	17 53	50.533	-36 16 08.87	Sco	EW		11.592	0.36	0.2	<i>V</i>	2457579.59	0.437072	MM	2016
885	UCAC4 219-043229	09 57	55.849	-46 16 55.51	Vel	EW	13.42	12.611	0.223	0.18	<i>C</i>	2454122.507	0.8642	MM	2016
886	UCAC4 518-116742	19 52	41.028	+13 25 00.16	Aql	HADS:		14.647	0.337	0.5	<i>C</i>	2457241.9065	0.161249	PC	2016
887	UCAC4 514-113771	19 52	50.940	+12 45 15.83	Aql	EW		15.245	0.377	0.5	<i>C</i>	2457243.015	0.569597	PC	2016
888	UCAC4 520-115698	19 53	05.824	+13 50 33.96	Aql	EW		15.371	0.48	1	<i>C</i>	2457624.3255	0.460094	PC	2016
889	UCAC4 520-115709	19 53	06.669	+13 57 10.91	Aql	DSCT:		14.591	0.323	0.3	<i>C</i>	2457547.1352	0.378147	PC	2016
890	UCAC4 520-115802	19 53	19.433	+13 51 14.94	Aql			14.112	0.306	0.6	<i>C</i>	2455852.4283	2.117522	PC	2016
891	UCAC4 520-115812	19 53	20.217	+13 55 40.26	Aql	EW		15.011	0.351	0.5	<i>C</i>	2455852.0728	0.419302	PC	2016
892	USNO-B1.0 1037-0513920	19 53	22.827	+13 47 22.12	Aql	RRC		15.31	0.611	1	<i>C</i>	2455852.6441	0.614709	PC	2016
893	UCAC4 520-115910	19 53	29.735	+13 58 12.66	Aql	DSCT	12.98	11.635	0.311	0.12	<i>C</i>	2455851.721	0.1474166	PC	2016
894	USNO-B1.0 1027-0650313	19 53	44.335	+12 47 24.52	Aql	EW:		15.264	0.43	0.45	<i>C</i>	2455858.63	0.657585	PC	2016
895	UCAC4 518-117592	19 54	13.850	+13 27 07.79	Aql	DSCT		14.68	0.22	0.3	<i>C</i>	2455834.9985	0.269128	PC	2016
896	USNO-B1.0 1030-0613324	19 54	31.675	+13 05 07.44	Aql	EW		15.445	0.61	0.6	<i>C</i>	2457624.535	0.4101	PC	2016
897	UCAC4 517-114262	19 54	55.739	+13 20 33.28	Aql	EW		15.489	0.815	0.5	<i>C</i>	2457624.52	0.401606	PC	2016
898	USNO-B1.0 1030-0614214	19 54	56.106	+13 02 58.09	Aql	EA		14.183	0.86	1	<i>C</i>	2457629.467	1.407625	PC	2016
899	UCAC4 521-118102	19 55	11.325	+14 00 33.69	Aql	EW		14.808	0.661	0.7	<i>C</i>	2456540.0615	0.35823	PC	2016
900	USNO-B1.0 1034-0519246	19 55	12.438	+13 27 40.46	Aql	EW		15.403	0.601	0.6	<i>C</i>	2455834.754	0.349109	PC	2016
901	UCAC4 519-115588	19 55	26.516	+13 47 24.06	Aql	EA	14.96	13.302	0.372	0.5	<i>C</i>	2457633.43	3.37022	PC	2016
902	UCAC4 521-118147	19 55	17.055	+14 01 48.94	Aql	RR:		15.075	0.375	0.7	<i>C</i>	2456213.822	0.639303	PC	2016
903	USNO-B1.0 1032-0566855	19 55	38.704	+13 15 35.05	Aql	EW		15.623	0.327	0.8	<i>C</i>	2455834.9177	0.332923	PC	2016
904	UCAC4 516-119284	19 55	52.824	+13 07 49.98	Aql	EW		14.964	0.665	0.5	<i>C</i>	2455834.3661	0.294629	PC	2016
905	UCAC4 517-114838	19 55	58.500	+13 21 10.48	Aql	EW		15.856	0.635	0.7	<i>C</i>	2455835.0499	0.370521	PC	2016
906	UCAC4 515-116841	19 56	00.769	+12 58 20.61	Aql	EW		15.519	0.41	0.8	<i>C</i>	2455835.229	0.360834	PC	2016
907	UCAC4 519-115896	19 56	01.266	+13 38 06.58	Aql	EA+DSCT		14.419	0.487	0.4	<i>C</i>	2457241.6	2.028619	PC	2016
908	UCAC4 521-118642	19 56	05.793	+14 02 22.75	Aql	EW		15.245	0.566	0.5	<i>C</i>	2457625.508	0.473138	PC	2016
909	UCAC4 517-115014	19 56	16.216	+13 23 33.16	Aql	EW		15.312	0.461	0.7	<i>C</i>	2456220.335	0.417663	PC	2016
910	UCAC4 517-115150	19 56	29.167	+13 23 22.78	Aql	HADS		14.866	0.573	0.6	<i>C</i>	2455835.173	0.620077	PC	2013
911	UCAC4 518-118943	19 56	48.291	+13 31 09.83	Aql		14.3	12.261	0.573	0.16	<i>C</i>	2456223.26	4.050324	PC	2016
912	UCAC4 519-116283	19 56	50.551	+13 37 14.37	Aql	EB	16.12R1	-	-	0.5	<i>C</i>	2455834.363	0.861782	PC	2016

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J</i> − <i>K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
913	UCAC4 520-117785		19 57 00.093	+13 56 13.00	Aql	EA		14.155	0.533	1	<i>C</i>	2457644.288	1.77172	PC	2016
914	USNO-B1.0 1035-0521540		19 57 08.957	+13 33 02.79	Aql	EW		15.362	0.258	0.9	<i>C</i>	2455834.9219	0.328299	PC	2016
915	USNO-B1.0 1039-0519399		19 57 09.425	+13 57 24.81	Aql	RRC		15.81	-0.698	1.1	<i>C</i>	2455876.9013	0.353078	PC	2016
916	UCAC4 519-116512		19 57 22.878	+13 38 20.26	Aql	EA	15.37	13.805	0.423	0.15	<i>C</i>			PC	2016
917	UCAC4 517-115968		19 58 00.971	+13 16 40.91	Aql	EW		14.786	0.503	0.3	<i>C</i>	2457627.4096	0.363371	PC	2016
918	USNO-B1.0 1030-0620307		19 58 29.628	+13 05 42.00	Aql	DSCT		15.242	0.406	0.2	<i>C</i>	2456543.4854	0.057548	PC	2016
919	UCAC4 514-114162		19 53 34.467	+12 37 37.42	Aql	EW:		14.757	0.43			2457241.7825	0.395319	PC	2016
920	UCAC4 516-120575		19 58 10.984	+13 11 03.38	Aql	EW	15.93	14.635	0.288			2456543.9594	0.334739	PC	2016
921	UCAC4 513-116331		19 53 11.797	+12 35 36.26	Aql	EA	13.8	13.122	0.477			2457243.64	1.207578	PC	2016
922	UCAC4 740-075257		21 47 30.678	+57 52 19.22	Cep	DSCT	10.96	9.425	0.291					FW	2016
923	UCAC4 623-070774		19 18 52.023	+34 27 37.91	Lyr	DSCT	13.59	12.093	0.538					FW	2016
924	UCAC4 722-074158		20 44 48.575	+54 15 50.75	Cyg	EW	14.23	12.999	0.218	0.3	<i>C</i>			PM, JaS	2016
925	UCAC4 608-110684		20 28 20.979	+31 28 58.30	Cyg	EW		11.185	0.307					FW	2016
926	UCAC4 628-119757		21 34 41.226	+35 24 40.50	Cyg	EB	15.88	14.524	0.513					MM, HC	2016
927	UCAC4 627-116916		21 35 57.673	+35 19 09.99	Cyg	EW	15.69	13.959	0.399					MM, HC	2016
928	UCAC4 771-059319		22 47 10.278	+64 10 05.51	Cep	EW	14.24	11.796	0.546					MM	2015
929	UCAC4 627-117116		21 37 04.665	+35 13 12.17	Cyg	EW	14.41	13.082	0.454	0.14	<i>C</i>	2454006.485	0.451467	HC, MM	2016
930	UCAC4 496-118570		19 47 04.796	+09 05 59.91	Aql	ELL	11.03	10.105	0.277	0.09	<i>V</i>	2457608.55	1.057162	MM	2016
931	UCAC4 498-120637		19 46 52.451	+09 35 59.71	Aql	DSCT	11	10.083	0.235	0.1	<i>C</i>	2457631.458	0.095046	MM	2016
932	UCAC4 498-120735		19 47 05.975	+09 30 11.92	Aql	EW:	12.26	11.151	0.317					MM	2016
933	UCAC4 498-120788		19 47 13.719	+09 33 23.17	Aql	HADS	15.01	13.702	0.452	0.35	<i>C</i>	2457642.285	0.168581	MM	2016
934	UCAC4 498-121601		19 48 55.619	+09 32 42.50	Aql	EB	14.41	12.946	0.372	0.85	<i>C</i>	2457608.51	0.746306	MM	2016
935	UCAC4 498-121722		19 49 15.812	+09 30 44.66	Aql	EW	14.11	12.827	0.289					MM	2016
936	UCAC4 496-120151		19 50 11.213	+09 00 27.21	Aql	EW	15.19	13.814	0.46	0.27	<i>C</i>	2457639.428	0.467	MM	2016
937	UCAC4 497-115335		19 46 03.001	+09 22 43.77	Aql	EW	14.83	13.671	0.287	0.5	<i>C</i>	2457639.385	0.6063	MM	2016
938	UCAC4 499-118280		19 47 48.216	+09 36 07.78	Aql	EW	13.48	12.301	0.326					MM	2016
939	UCAC4 497-116728		19 49 09.208	+09 16 31.83	Aql	HADS	14.92	13.824	0.044	0.35	<i>C</i>	2457631.367	0.098237	MM	2016
940	UCAC4 497-116260		19 48 02.071	+09 15 44.87	Aql	EW	15.01	13.575	0.478	0.45	<i>C</i>	2457608.455	0.3925	MM	2016
941	UCAC4 498-120791		19 47 14.222	+09 25 23.63	Aql	EW	14.62	13.047	0.397					MM	2016
942	UCAC4 498-122143		19 49 59.380	+09 34 40.20	Aql	EA	13.89	13.122	0.382					MM	2016
943	UCAC4 531-134977		20 43 39.828	+16 00 22.31	Del	EW	13.82	12.739	0.334	0.32	<i>C</i>	2457615.3305	0.4011	MM	2016
944	UCAC4 529-136162		20 44 45.408	+15 45 55.64	Del	EW	14.52	13.837	0.241					MM	2016
945	UCAC4 529-135674		20 42 19.568	+15 42 19.90	Del	EW	16.13	14.17	0.569					MM	2016
946	UCAC4 531-134670		20 42 14.017	+16 07 20.34	Del	EW	14.27	13.394	0.264					MM	2016
947	UCAC4 541-128350		20 23 43.063	+18 02 36.32	Del	EW	14.23	13.129	0.192					MM	2016
948	UCAC4 542-124490		20 19 44.059	+18 16 16.38	Sge	DSCT	11.48	10.829	0.151					MM	2016
949	UCAC4 542-124553		20 19 54.952	+18 19 00.82	Sge	EW	12.75	11.795	0.338					MM	2016
950	UCAC4 542-124945		20 20 41.320	+18 16 37.60	Del	EW	15.83	14.285	0.325					MM	2016

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
951	UCAC4 542-125511		20 21 59.246	+18 12 26.16	Del	EW	14.81	12.871	0.509					MM	2016
952	UCAC4 543-128864		20 23 24.163	+18 24 18.08	Del	DSCT	10.65	9.935	0.197					MM	2016
953	UCAC4 542-124277		20 19 11.700	+18 19 48.79	Sge	EW		14.467	0.571					MM	2016
954	UCAC4 542-125162		20 21 06.854	+18 22 44.91	Del	EW		14.95	0.439					MM	2016
955	UCAC4 541-127537		20 21 35.763	+18 11 01.89	Del	EW:	13.4	12.617	0.182					MM	2016
956	UCAC4 541-127091		20 20 32.484	+18 11 41.07	Sge	EW		14.053	0.489					MM	2016
957	UCAC4 542-124289		20 19 12.992	+18 12 58.01	Sge	EW	15.43	15.104	0.368					MM	2016
958	UCAC4 544-124222		20 22 02.726	+18 41 04.69	Del	EW	15.53	13.825	0.385					MM	2016
959	UCAC4 626-071074		19 21 37.300	+35 03 46.04	Lyr	EW		14.268	0.25					MM	2016
960	UCAC4 626-071322		19 22 26.554	+35 08 27.22	Lyr	HADS	13.02	12.082	0.244					MM	2016
961	UCAC4 623-072169		19 23 02.419	+34 28 46.17	Lyr	EW	11.01	10.285	0.143					MM	2016
962	UCAC4 625-070194		19 21 23.632	+34 50 16.46	Lyr	EA	13.43	12.528	0.236					MM, FW	2016
963	UCAC4 625-069244		19 18 45.354	+34 56 43.59	Lyr	EW	12.35	11.786	0.171					MM	2016
964	UCAC4 626-070869		19 20 58.533	+35 08 13.96	Lyr	EW	13.44	12.41	0.35					MM	2016
965	UCAC4 626-070179		19 18 44.637	+35 01 28.05	Lyr	EW	14.45	13.307	0.467					MM	2016
966	UCAC4 624-068324		19 19 08.759	+34 45 01.69	Lyr	EW	14.87	13.752	0.244					MM	2016
967	UCAC4 455-000328		00 14 34.065	+00 51 45.90	Psc	EW	14.51	12.646	0.624					MM	2016
968	UCAC4 770-062173		22 52 24.328	+63 58 23.52	Cep	EA	10.77	9.526	0.398	0.18	<i>C</i>			MM	2015
969	UCAC4 521-117247	1	19 53 43.026	+14 03 24.42	Aql	DSCT	14.66	13.048	0.434			2457242.0403	0.418638	PC	2016
970	USNO-B1.0 1035-0515123		19 53 08.115	+13 33 06.62	Aql	EW		15.167	0.51			2456522.4375	0.369905	PC	2016
971	UCAC4 515-115641		19 53 40.430	+12 49 20.84	Aql	EW		15.406	0.312			2457629.388	0.403136	PC	2016
972	USNO-B1.0 1037-0517306		19 55 18.996	+13 47 39.23	Aql	EA		14.707	0.654			2457605.42	0.425147	PC	2016
973	USNO-B1.0 1029-0648595		19 58 12.146	+12 54 15.63	Aql	EB		15.273	0.293			2456544.245	0.431513	PC	2016
974	UCAC4 515-115522		19 53 25.586	+12 55 36.95	Aql	DSCT		15.387	0.302			2457605.8881	0.355942	PC	2016
975	USNO-B1.0 1033-0544890		19 57 42.998	+13 22 55.29	Aql	DSCT		15.608	0.491			2456544.086	0.229474	PC	2016
976	UCAC4 518-117855		19 54 42.875	+13 30 25.09	Aql	EA	13.6	11.384	0.67			2456223.58	11.317833	PC	2016
977	UCAC4 520-117390		19 56 10.436	+13 51 27.64	Aql	EA	15.24	13.077	0.666			2457608.35	6.310802	PC	2016
978	UCAC4 518-118769		19 56 25.484	+13 30 52.95	Aql	EA	15.14	13.421	0.574			2457609.445	2.633597	PC	2016
979	UCAC4 517-113147		19 52 53.684	+13 20 29.51	Aql	EA		13.248	0.838			2457632.416	1.831761	PC	2016
980	UCAC4 514-114877		19 55 04.992	+12 39 29.26	Aql	RR		14.463	0.402			2457242.8489	0.529605	PC	2016
981	UCAC4 514-116090		19 57 27.382	+12 42 48.16	Aql	EW		14.147	0.434			2457623.447	0.404246	PC	2016
982	UCAC4 516-117490		19 52 37.058	+13 05 23.46	Aql	EA	13.28	11.366	0.586			2457609.325	5.384983	PC	2016
983	UCAC4 515-118026		19 58 28.990	+12 53 39.91	Aql	EA		13.462	0.612			2457633.445	1.855814	PC	2016
984	UCAC4 514-114010		19 53 18.643	+12 39 31.03	Aql	EW		14.231	0.235			2457627.708	0.415602	PC	2016
985	UCAC4 521-117564		19 54 13.581	+14 01 03.64	Aql	EW		14.477	0.274			2457623.42	0.697204	PC	2016
986	UCAC4 517-114020		19 54 28.232	+13 19 39.93	Aql	DSCT		14.378	0.539			2455834.6789	0.363648	PC	2016
987	UCAC4 519-114594		19 53 33.182	+13 44 26.47	Aql	DSCT	14.56	13.293	0.229			2455852.017	0.860511	PC	2016
988	UCAC4 517-114891		19 56 03.847	+13 20 11.70	Aql	DSCT		15.126	-0.105			2457546.7093	0.160665	PC	2016

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J</i> − <i>K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year	
989	UCAC4 513-119143	19 58	30.409	+12 35	51.56	Aql	HADS:	12.815	0.594			2457242.075	0.270768	PC	2016	
990	UCAC4 519-114703	19 53	41.385	+13 40	12.62	Aql	DSCT	14.06	12.994	0.211		2457609.325	0.019852	PC	2016	
991	UCAC4 516-117706	19 53	06.475	+13 11	48.18	Aql	EW	15.44	13.497	0.647		2456521.858	0.261065	PC	2016	
992	UCAC4 516-117515	19 52	41.342	+13 06	43.08	Aql	EW	13.28	12.076	0.275		2457613.218	0.369104	PC	2016	
993	UCAC4 516-120030	19 57	11.585	+13 06	08.90	Aql	DSCT	14.09	12.669	0.323		2457242.2327	0.563698	PC	2016	
994	UCAC4 517-113345	19 53	17.655	+13 17	37.99	Aql	EW		14.669	0.409		2456204.4487	0.374112	PC	2016	
995	UCAC4 518-118972	19 56	52.568	+13 34	27.45	Aql	EW:	12.71	11.7	0.173		2457245.0874	1.185958	PC	2016	
996	UCAC4 517-113331	19 53	15.436	+13 20	37.91	Aql	DSCT	13.1	12.134	0.243		2457241.543	0.04777	PC	2016	
997	UCAC4 516-117709	19 53	06.687	+13 07	40.77	Aql	DSCT	13.51	12.493	0.235				PC	2016	
998	UCAC4 515-115134	19 52	38.203	+12 55	52.62	Aql	DSCT		14.68	0.547		2457241.8941	0.372703	PC	2016	
999	UCAC4 515-115745	19 53	53.054	+12 54	58.40	Aql	EB		13.299	0.527		2457241.5291	0.337815	PC	2016	
1000	UCAC4 514-115996	19 57	15.473	+12 45	33.26	Aql	EA		13.913	0.663	0.8	<i>C</i>	2457661.3485	0.475258	PC	2016
1001	UCAC4 513-116143	19 52	48.739	+12 35	20.02	Aql	EW		14.086	0.48		2457242.8936	0.448335	PC	2016	
1002	USNO-B1.0 1033-0536769	19 52	57.182	+13 23	34.18	Aql	EB		15.504	0.391		2457241.6385	0.837451	PC	2016	
1003	USNO-B1.0 1027-0651397	19 54	16.805	+12 42	48.69	Aql	EW		15.398	0.763		2457241.697	0.232757	PC	2016	
1004	UCAC4 521-118226	19 55	24.434	+14 05	16.93	Aql	EW		14.11	0.549		2456222.5065	0.264801	PC	2016	
1005	UCAC4 518-117162	19 53	29.742	+13 25	07.35	Aql	EA		15.103	0.3		2457623.485	1.977168	PC	2016	
1006	USNO-B1.0 1038-0520602	19 58	30.703	+13 49	41.66	Aql	EW		15.676	0.664		2457242.0755	0.343436	PC	2016	
1007	UCAC4 513-119011	19 58	15.399	+12 35	09.38	Aql	EW	15.94	14.961	0.328		2457242.248	0.434233	PC	2016	
1008	USNO-B1.0 1029-0644713	19 55	52.011	+12 55	52.35	Aql	EW		15.078	0.467		2455835.0339	0.301746	PC	2016	
1009	UCAC4 518-118897	19 56	42.089	+13 30	48.47	Aql	EA		15.201	0.582		2455834.737	0.429427	PC	2016	
1010	USNO-B1.0 1039-0518273	19 56	24.571	+13 57	19.66	Aql	EW		14.951	0.392		2455834.2999	0.341049	PC	2016	
1011	UCAC4 521-116614	19 52	36.268	+14 04	45.81	Aql	EW		14.728	0.376		2457605.6513	0.459572	PC	2016	
1012	UCAC4 520-115472	19 52	36.785	+13 56	04.96	Aql	HADS	12.52	11.358	0.25		2457241.769	0.1446	PC	2016	
1013	UCAC4 515-115974	19 54	21.143	+12 49	42.80	Aql	DSCT	12.08	11.373	0.237		2455836.41	0.509879	PC	2016	
1014	UCAC4 518-116914	19 53	02.898	+13 30	08.42	Aql	EW	13.81	12.634	0.345		2457242.4666	0.613284	PC	2016	
1015	UCAC4 518-119649	19 58	08.164	+13 26	37.53	Aql	DSCT	14.4	13.148	0.277		2455834.5746	0.161015	PC	2016	
1016	USNO-B1.0 1030-0613614	19 54	39.624	+13 02	20.66	Aql	RR		16.61	0.583		2455834.8855	0.365261	PC	2016	
1017	UCAC4 516-119158	19 55	39.626	+13 11	49.55	Aql	EW:		14.805	0.441				PC	2016	
1018	USNO-B1.0 1036-0513233	19 52	45.570	+13 41	22.65	Aql	EW		15.263	0.646		2457241.9887	0.400984	PC	2016	
1019	USNO-B1.0 1031-0591319	19 53	56.144	+13 10	52.45	Aql	RR		15.561	0.62		2455835.4241	0.488232	PC	2016	
1020	UCAC4 521-118729	19 56	16.031	+14 05	12.99	Aql	EW		13.955	0.499		2456222.87	0.339728	PC	2016	
1021	UCAC4 517-115471	19 57	03.452	+13 15	20.69	Aql	EW		15.345	0.739		2455868.357	0.464401	PC	2016	
1022	UCAC4 520-116475	19 54	25.527	+13 48	24.89	Aql	EA		15.312	0.572		2455836.803	1.302204	PC	2016	
1023	UCAC4 517-114849	19 55	59.354	+13 16	15.62	Aql	EA		14.291	0.605				PC	2016	
1024	USNO-B1.0 1031-0595439	19 56	04.625	+13 11	06.65	Aql	EW		15.57	0.486		2455834.5528	0.292663	PC	2016	
1025	UCAC4 519-114492	19 53	23.718	+13 46	45.89	Aql	EA		15.212	0.416		2457547.1461	1.026896	PC	2016	
1026	UCAC4 518-118106	19 55	15.907	+13 33	52.54	Aql	DSCT	13.14	11.999	0.22				PC	2016	

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
1027	UCAC4 520-115645		19 52 57.868	+13 56 14.05	Aql	EA		14.449	0.315			2457629.345	1.128394	PC	2016
1028	2MASS 19531631+1358556		19 53 16.296	+13 58 53.02	Aql	RR		15.204	0.53			2457242.3784	0.563186	PC	2016
1029	USNO-B1.0 1028-0654883		19 53 05.850	+12 51 52.11	Aql	RRAB		15.85	0.785			2457242.19	0.557676	PC	2016
1030	UCAC4 520-118003		19 57 28.496	+13 52 16.00	Aql	EA		14.419	0.696			2455834.449	1.587514	PC	2016
1031	USNO-B1.0 1029-0638887		19 52 58.386	+12 54 18.3	Aql	EW		16.22	0.361			2457242.86	0.433858	PC	2016
1032	USNO-B1.0 1035-0520677		19 56 31.547	+13 35 02.04	Aql	EW		15.501	0.507			2455834.4845	0.265852	PC	2016
1033	UCAC4 515-116233		19 54 48.913	+12 55 50.76	Aql	EW		14.936	0.561			2455834.7917	0.440596	PC	2016
1034	USNO-B1.0 1026-0647686		19 58 04.299	+12 40 15.39	Aql	EA		14.465	0.83			2457625.485	1.155064	PC	2016
1035	USNO-B1.0 1036-0520822		19 57 19.202	+13 41 15.67	Aql	EW		14.818	0.574			2455834.632	0.278485	PC	2016
1036	UCAC4 520-117595		19 56 37.872	+13 51 18.00	Aql	EA		14.518	0.488			2456220.325	0.821631	PC	2016
1037	USNO-B1.0 1027-0648329		19 52 42.648	+12 46 29.02	Aql	EW		15.428	0.467			2457241.9701	0.334997	PC	2016
1038	UCAC4 514-116531		19 58 20.043	+12 39 15.96	Aql	EA	15.7	14.738	0.488			2457241.465	1.641174	PC	2016
1039	UCAC4 518-117236		19 53 36.087	+13 34 50.00	Aql	EA		14.912	0.502			2457662.39	1.901969	PC	2016
1040	UCAC4 727-096787		23 08 45.843	+55 12 55.85	Cas	DSCT	12.52	11.304	0.267			2457608.8491		PP	2016
1041	UCAC4 725-101533		23 08 36.294	+54 53 54.34	Cas	EW	13.06	12.174	0.247					PP	2016
1042	UCAC4 728-101025		23 14 38.762	+55 24 41.00	Cas	EW	12.05	10.485	0.369					PP	2016
1043	UCAC4 724-102941		23 13 24.952	+54 36 07.60	Cas	DSCT	11.91	11.147	0.17					PP	2016
1044	UCAC4 534-126251		20 24 30.858	+16 46 43.12	Del	EA		14.986	0.309					FL	2016
1045	UCAC4 533-130502		20 26 15.175	+16 32 11.08	Del	EW		15.185	0.444					FL	2016
1046	UCAC4 646-000225		00 03 20.911	+39 02 22.75	And	DSCT	12.48	11.65	0.251					FL	2016
1047	UCAC4 647-000218		00 03 30.102	+39 17 53.02	And	DSCT	11.93	11.129	0.19					FL	2016
1048	UCAC4 571-074847		18 53 11.809	+24 07 52.95	Her	EW		13.513	0.296					FL	2016
1049	UCAC4 568-076085		18 55 51.599	+23 35 52.73	Her	RR		13.961	0.164					FL	2016
1050	UCAC4 571-075495		18 54 58.962	+24 07 40.04	Her	DSCT		14.456	0.331					FL	2016
1051	UCAC4 569-074299		18 54 43.112	+23 40 52.41	Her	EA		14.554	0.453					FL	2016
1052	UCAC4 569-074188		18 54 23.265	+23 46 40.69	Her	EW		14.298	0.575					FL	2016
1053	USNO-B1.0 1140-0317170		18 54 23.350	+24 04 57.39	Her	DSCT		15.512	0.253					FL	2016
1054	USNO-B1.0 1142-0314206		18 51 48.445	+24 16 33.01	Her	EA		15.117	0.379					FL	2016
1055	USNO-B1.0 1142-0315156		18 52 34.148	+24 15 49.33	Her	RR		15.475	0.428					FL	2016
1056	UCAC4 680-071602		19 37 09.957	+45 52 38.24	Cyg	EW	15.07	13.446	0.52	1	<i>C</i>			FB	2016
1057	UCAC4 282-004423		04 11 12.968	-33 37 13.01	Eri	EA	14.39	12.711	0.569	0.5	<i>C</i>	2453965.05	0.91679	MM	2016
1058	UCAC4 294-004109		04 02 18.589	-31 14 35.78	Eri	EW	13.73	12.33	0.473	0.16	<i>C</i>	2453965.107	0.296285	MM	2016
1059	UCAC4 295-004567		04 12 37.114	-31 01 47.61	Eri	EW	14.96	12.632	0.743	0.3	<i>C</i>	2453965.0171	0.323946	MM	2016
1060	UCAC4 283-004278		04 02 09.828	-33 30 46.89	Eri	EW	14.07	13.262	0.265	0.25	<i>C</i>	2453965.3388	0.431407	MM	2016
1061	UCAC4 297-004269		04 07 36.396	-30 37 27.86	Eri	EA	14.03	12.449	0.573	0.4	<i>C</i>	2453966.108	1.6162	MM	2016
1062	UCAC4 388-020332		06 54 03.284	-12 32 09.38	Mon	EW	13.78	12.491	0.335	0.35	<i>V</i>	2457715.775	0.284136	MM	2016
1063	UCAC4 569-074069		18 54 02.382	+23 40 59.44	Her	EW		14.568	0.593					FL	2016
1064	UCAC4 439-111469		20 14 24.026	-02 23 24.26	Aql	EA	14.79	13.091	0.317					FL	2016

Table 4: continued.

CzeV	ID	V SX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J</i> − <i>K</i>	<i>A</i>	<i>F</i>	<i>M</i> 0	<i>P</i>	Discoverer	Year
1065	UCAC4 437-105674	20 12	07.219	-02 38 24.30	Aql	EW	13.82	12.376	0.325					FL	2016
1066	UCAC4 612-018746	05 13	29.798	+32 13 52.94	Aur	EW	11.34	9.87	0.517	0.2	<i>C</i>			LC	2016
1067	UCAC4 672-028368	04 34	51.836	+44 21 56.47	Per	DSCT	10.76	9.657	0.197					LC	2016
1068	UCAC4 671-028930	04 39	14.082	+44 10 11.38	Per	EW	14.2	12.311	0.434					LC	2016
1069	UCAC4 032-001403	03 23	40.985	-83 38 11.82	Men	EW	11.79	10.318	0.459	0.22	<i>V</i>	2457734.64	0.304497	MM	2016
1070	UCAC4 352-010715	06 03	10.899	-19 46 57.87	Lep	EA	14.29	13.333	0.504					MM	2016
1071	UCAC4 352-010328	05 58	59.740	-19 38 20.28	Lep	EA	13.07	11.861	0.364	0.77	<i>V</i>	2453599.3542	4.235493	MM	2016
1072	UCAC4 352-010801	06 04	06.022	-19 46 47.86	Lep	EW	12.1	11.771	0.236	0.13	<i>V</i>	2457722.82	0.404299	MM	2016
1073	UCAC4 345-010303	06 01	44.894	-21 06 23.30	Lep	EW	12.69	11.009	0.551	0.07	<i>V</i>	2457722.77	0.587199	MM	2016
1074	UCAC4 346-010162	06 00	49.762	-20 49 32.05	Lep	EW	11.29	11.006	0.339	0.06	<i>C</i>	2457722.58	0.460836	MM	2016
1075	UCAC4 343-010886	06 05	21.311	-21 31 50.92	Lep	DSCT	11.37	10.793	0.157	0.06	<i>C</i>	2453860.589	0.138516	MM	2016
1076	UCAC4 338-009652	05 54	41.604	-22 24 20.13	Lep	EW	14.26	12.73	0.624	0.21	<i>C</i>	2457722.68	0.236494	MM	2016
1077	UCAC4 343-010349	05 59	52.062	-21 35 22.96	Lep	EW	14.95	13.688	0.334	0.4	<i>C</i>	2457722.67	0.33487	MM	2016
1078	UCAC4 344-009781	05 57	27.410	-21 15 36.98	Lep	EW	14.47	13.265	0.414	0.37	<i>C</i>	2457722.66	0.330698	MM	2016
1079	UCAC4 351-019772	06 56	55.497	-19 50 20.12	CMa	EA	12.43	11.561	0.426	0.75	<i>V</i>	2452546.26	1.28286	MM	2016
1080	UCAC4 107-061954	13 00	35.483	-68 36 24.97	Mus	EW	12.1	10.958	0.288	0.55	<i>V</i>	2457743.78	0.537804	MM	2016
1081	UCAC4 109-061421	12 54	47.393	-68 18 12.05	Mus	EW	13.13	11.554	0.464	0.4	<i>V</i>	2457743.69	0.477874	MM	2016
1082	UCAC4 114-058349	12 35	40.932	-67 19 54.60	Mus	EW	13.36	12.209	0.306	0.7	<i>V</i>	2451916.39	0.560915	MM	2016
1083	UCAC4 586-030291	06 27	33.781	+27 08 08.15	Gem	EW	14.73	12.956	0.537					LC	2016
1084	UCAC4 588-031645	06 30	39.294	+27 33 47.93	Gem	EW	13.73	12.48	0.363	0.4	<i>C</i>			LC	2016
1085	UCAC4 589-031801	06 30	34.508	+27 47 10.74	Gem	EW	13.54	11.622	0.575	0.3	<i>C</i>			LC	2016
1086	UCAC4 588-031040	06 27	42.499	+27 24 08.36	Gem	EW	11.85	10.974	0.271	0.2	<i>C</i>			LC	2016
1087	UCAC4 586-030738	06 29	38.969	+27 09 16.21	Gem	DSCT	11.8	10.899	0.218					LC	2016
1088	UCAC4 684-116735	22 16	23.993	+46 46 52.29	Lac	EA	15.61	14.438	0.342	0.5	<i>C</i>			FB	2016
1089	UCAC4 504-141055	21 50	56.606	+10 38 14.04	Peg	DSCT	15.34	13.609	0.436	0.09	<i>R_c</i>	2457643.8551	0.144697	MS	2016
1090	UCAC4 530-125604	20 07	59.602	+15 58 24.70	Aql	EW:		16.065	0.779	0.5	<i>V</i>	2457608.8528	0.361506	MS	2016
1091	UCAC4 716-106249	22 58	51.778	+53 10 22.94	And	EA	11.4	10.738	0.182	0.418	<i>C</i>	2454340.657	0.601559	PP, FaB, MO, MP, JB	2017
1092	UCAC4 671-015872	03 02	14.661	+44 00 38.89	Per	E:	10.7	9.682	0.231	0.2	<i>C</i>	2454351.2282	1.055966	LC	2017
1093	UCAC4 672-015717	03 00	58.203	+44 14 54.84	Per	DSCT	14.85	13.21	0.457	0.08	<i>C</i>	2454348.2621	0.159276	LC	2017
1094	UCAC4 669-014987	02 59	59.706	+43 38 11.44	Per	EW	13.92	13.257	0.233	0.22	<i>C</i>	2454159.6907	0.537346	LC	2017
1095	UCAC4 670-014939	02 57	13.535	+43 53 54.74	Per	ELL	11.45	10.441	0.232	0.05	<i>C</i>	2454348.1746	0.162317	LC	2017
1096	UCAC4 680-130665	23 24	10.216	+45 48 12.86	And	EW	13.2	11.726	0.349	0.2	<i>C</i>	2454294.1739	0.403959	LC	2017
1097	UCAC4 727-094393	22 58	32.268	+55 15 07.52	Cas	EA	11.42	10.798	0.129	0.456	<i>C</i>	2454299.0518	2.730222	FaB, MO, JB, MP, PP	2017
1098	UCAC4 738-078653	21 47	29.726	+57 29 28.63	Cep	EW	13.06	11.651	0.436			2457627.2799	0.427533	FW	2016
1099	UCAC4 569-048525	11 43	35.470	+23 38 29.23	Leo	HADS		14.556	0.226	0.25	<i>C</i>	2457844.383	0.048226	MM, MT	2017
1100	UCAC4 560-034756	06 47	09.544	+21 58 43.03	Gem	EW	14.15	12.847	0.366	0.3	<i>C</i>	2454057.5224	0.408798	FaB, MO, JB, MP, PP	2017
1101	USNO-B1.0 1216-0103692	05 47	17.827	+31 38 37.64	Aur	EA		15.438	0.196	0.7	<i>C</i>	2457752.312	1.962358	PC	2017
1102	USNO-B1.0 1215-0102722	05 48	07.414	+31 30 13.88	Aur	EA		15.873	0.734	0.5	<i>C</i>	2457715.59	3.109681	PC	2017

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J</i> − <i>K</i>	<i>A</i>	<i>F</i>	<i>M</i> 0	<i>P</i>	Discoverer	Year
1103	UCAC4 603-025989	05 48 55.307	+30 26 48.70	Aur	EA		14.301	0.309	0.9	<i>C</i>	2457714.5	6.176968		PC	2017
1104	UCAC4 603-026087	05 49 16.852	+30 32 13.47	Aur	EA	15.709	13.667	0.78	0.75	<i>C</i>	2457715.52	2.869355		PC	2014
1105	USNO-B1.0 1216-0106760	05 51 10.542	+31 36 27.28	Aur	EA		15.449	0.391	0.8	<i>C</i>	2457743.635	1.68812		PC	2017
1106	UCAC4 603-026661	05 51 15.779	+30 27 34.78	Aur	DSCT	14.427	13.167	0.444	0.08	<i>C</i>	2457388.3546	0.170028		PC	2017
1107	USNO-B1.0 1215-0101885	05 46 58.126	+31 32 38.72	Aur			15.703	-0.143	0.8	<i>C</i>	2457715.41	4.390981		PC	2017
1108	USNO-B1.0 1202-0100504	05 46 41.614	+30 12 29.76	Aur	EA		15.985	0.759	0.6	<i>C</i>				PC	2017
1109	USNO-B1.0 1202-0101248	05 47 47.112	+30 12 46.29	Aur	EW		16.084	1.032	0.7	<i>C</i>	2457387.881	0.340176		PC	2017
1110	UCAC4 606-024654	05 49 56.393	+31 01 10.98	Aur	EA	15.826	14.87	0.438	0.95	<i>C</i>	2457755.525	7.240172		PC	2017
1111	UCAC4 602-024653	05 48 21.743	+30 19 13.75	Aur	EA		13.72	0.511	0.6	<i>C</i>	2757714.008	4.060837		PC	2017
1112	USNO-B1.0 1205-0104603	05 49 00.767	+30 34 05.54	Aur	EW		15.646	0.17	0.5	<i>C</i>				PC	2017
1113	USNO-B1.0 1210-0100540	05 46 31.18	+31 04 58.5	Aur	EW		15.761	0.325	0.5	<i>C</i>	2456747.8454	0.317208		PC	2017
1114	USNO-B1.0 1208-0103325	05 50 52.014	+30 53 50.91	Aur	EA		15.549	0.847	0.6	<i>C</i>	2456353.324	1.184104		PC	2017
1115	USNO-B1.0 1208-0100750	05 47 17.202	+30 49 26.68	Aur	EW		15.625	0.577	0.4	<i>C</i>	2456684.736	0.332656		PC	2017
1116	USNO-B1.0 1212-0099601	05 46 27.252	+31 16 25.82	Aur	EW		15.778	0.77	0.4	<i>C</i>	2456712.7423	0.34494		PC	2014
1117	USNO-B1.0 1214-0103250	05 46 59.909	+31 24 36.91	Aur	EW		15.913	0.348	0.5	<i>C</i>	2456712.705	0.31229		PC	2017
1118	USNO-B1.0 1215-0105828	05 52 06.660	+31 30 24.31	Aur	EA		15.505	0.417	0.5	<i>C</i>	2455962.625	1.246773		PC	2017
1119	UCAC4 602-025136	05 50 02.072	+30 12 15.23	Aur	EW	12.122	10.978	0.305	0.22	<i>C</i>	2457387.994	0.870203		PC, FW	2017
1120	UCAC4 602-025266	05 50 27.205	+30 20 26.16	Aur	DSCT	12.418	11.367	0.258	0.02	<i>C</i>	2457387.5565	0.099836		PC	2017
1121	UCAC4 602-024898	05 49 19.295	+30 23 27.16	Aur	DSCT	12.553	11.443	0.245	0.04	<i>C</i>	2457387.6751	0.105771		PC	2017
1122	UCAC4 606-023683	05 46 33.915	+31 01 50.44	Aur	DSCT	12.872	11.91	0.242	0.02	<i>C</i>	2456712.49	0.041826		PC	2017
1123	UCAC4 609-023034	05 46 17.386	+31 38 08.69	Aur	DSCT	13.086	11.997	0.22	0.05	<i>C</i>	2456730.5265	0.50045		PC	2017
1124	UCAC4 602-024563	05 47 56.153	+30 21 35.14	Aur	DSCT	12.999	12.165	0.186	0.03	<i>C</i>	2457387.5887	0.047056		PC	2017
1125	UCAC4 608-024404	05 46 37.480	+31 32 47.77	Aur	DSCT	13.234	12.182	0.221	0.05	<i>C</i>	2456731.7051	0.356603		PC	2017
1126	UCAC4 604-025299	05 50 00.980	+30 44 01.22	Aur	DSCT	13.102	11.873	0.335	0.04	<i>C</i>	2456246.55	0.058464		PC	2017
1127	UCAC4 603-026053	05 49 08.967	+30 29 52.19	Aur	EW	13.234	11.833	0.377	0.03	<i>C</i>	2457388.8785	0.490364		PC	2017
1128	UCAC4 605-025940	05 51 11.842	+30 54 18.80	Aur	DSCT	13.446	11.817	0.43	0.03	<i>C</i>	2456222.2936	0.172064		PC	2017
1129	UCAC4 607-023242	05 46 24.355	+31 18 22.59	Aur	DSCT	13.62	12.191	0.394	0.02	<i>C</i>	2456721.7138	0.167915		PC	2017
1130	UCAC4 602-025189	05 50 12.567	+30 18 45.09	Aur	DSCT	13.812	12.672	0.4	0.04	<i>C</i>	2457388.0492	0.468428		PC	2017
1131	UCAC4 603-026150	05 49 29.221	+30 31 15.83	Aur	EA	13.868	12.917	0.233	0.15	<i>C</i>	2457753.394	1.898192		PC	2017
1132	USNO-B1.0 1216-0104780	05 48 44.307	+31 38 56.30	Aur	EB		16.152	1.026	0.8	<i>C</i>	2456709.721	0.410984		PC	2017
1133	USNO-B1.0 1210-0099714	05 45 27.991	+31 05 56.75	Aur	EA		15.426	0.808	0.6	<i>C</i>				PC	2017
1134	USNO-B1.0 1214-0102128	05 45 24.471	+31 26 57.46	Aur	EB		15.496	0.667	0.6	<i>C</i>	2456712.8052	0.431816		PC	2017
1135	USNO-B1.0 1205-0103836	05 47 50.678	+30 31 20.79	Aur	EA		14.683	0.567	0.5	<i>C</i>	2457102.91	1.632252		PC	2017
1136	USNO-B1.0 1215-0103233	05 48 48.348	+31 32 25.67	Aur	EA		15.718	0.555	0.6	<i>C</i>				PC	2017
1137	USNO-B1.0 1205-0102542	05 45 45.794	+30 35 14.81	Aur	EA		15.207	0.565	0.4	<i>C</i>				PC	2017
1138	USNO-B1.0 1215-0104251	05 50 07.270	+31 35 51.02	Aur	EA		15.312	0.508	0.4	<i>C</i>	2457388.3445	1.360648		PC	2017
1139	USNO-B1.0 1215-0104721	05 50 41.531	+31 34 30.85	Aur	EW		16.074	0.406	0.5	<i>C</i>	2455990.3949	0.377829		PC	2017
1140	USNO-B1.0 1207-0100319	05 45 05.430	+30 47 45.10	Aur	EA		15.502	0.626	0.7	<i>C</i>				PC	2017

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	V	J	$J - K$	A	F	M_0	P	Discoverer	Year	
1141	USNO-B1.0 1203-0105772	05 50 25.630	+30 21 29.77	Aur	EW		15.865	0.792	0.5	C	2457387.8756	0.335144		PC	2017	
1142	UCAC4 605-025623	05 50 02.318	+30 52 03.35	Aur	DSCT		14.952	0.441	0.3	C	2455968.9537	0.261438		PC	2017	
1143	UCAC4 608-024552	05 47 04.959	+31 28 55.70	Aur	DSCT		14.784	0.561	0.1	C	2456693.4339	0.089251		PC	2017	
1144	UCAC4 602-024605	05 48 07.921	+30 13 19.13	Aur	EA		14.592	13.412	0.265	0.3	C	2457752.33	2.083396		PC	2017
1145	UCAC4 608-024695	05 47 37.240	+31 27 26.31	Aur	EA		16.093	14.223	0.543	0.5	C				PC	2017
1146	UCAC4 609-023617	05 48 14.581	+31 40 54.95	Aur	EA		15.881	14.252	0.52	0.1	C	2457753.62	1.157444		PC	2017
1147	UCAC4 608-025987	05 51 43.269	+31 31 52.95	Aur	DSCT		14.354	0.613	0.2	C	2455970.5305	0.130499		PC	2017	
1148	UCAC4 605-024717	05 46 35.953	+30 53 48.30	Aur	DSCT		13.765	0.801	0.1	C	2456713.1377	0.461042		PC	2017	
1149	UCAC4 608-025712	05 50 51.259	+31 32 43.97	Aur	DSCT		13.371	12.312	0.248	0.1	C	2455986.5979	0.504388		PC	2017
1150	USNO-B1.0 1205-0106679	05 51 48.140	+30 33 46.11	Aur	EA			15.47	0.36	1.1	C				PC	2017
1151	USNO-B1.0 1216-0105804	05 50 01.197	+31 37 41.42	Aur	EA			15.486	0.38	0.7	C	2455968.951	1.037932		PC	2017
1152	UCAC4 605-025888	05 51 00.719	+30 50 32.20	Aur	EW			15.339	0.812	0.5	C	2455968.8812	0.335568		PC	2017
1153	UCAC4 606-024156	05 48 14.766	+31 11 49.73	Aur	EA			14.288	0.424	0.5	C				PC	2017
1154	UCAC4 606-023291	05 45 00.693	+31 03 55.69	Aur	DSCT		14.698	13.319	0.396	0.1	C	2456713.955	0.533549		PC	2017
1155	UCAC4 606-024904	05 50 45.106	+31 02 36.71	Aur	EA		14.824	13.935	0.256	0.7	C				PC	2017
1156	USNO-B1.0 1207-0102759	05 48 42.445	+30 45 24.93	Aur	EA			15.29	0.727	1	C				PC	2017
1157	USNO-B1.0 1210-0105204	05 52 51.666	+31 03 41.97	Aur	EW			15.476	0.352	0.4	C	2457839.953	0.352638		PC	2017
1158	USNO-B1.0 1208-0104111	05 51 54.279	+30 48 45.19	Aur	EA			15.428	0.519	0.4	C	2457753.53	3.608943		PC	2017
1159	UCAC4 602-024301	05 46 54.604	+30 22 55.17	Aur	EA			13.133	0.463	0.3	C	2457775.269	2.482638		PC	2017
1160	USNO-B1.0 1209-0103704	05 50 01.135	+30 55 20.85	Aur	EW			15.82	0.789	0.4	C	2457775.2655	0.281796		PC	2017
1161	UCAC4 604-025181	05 49 39.328	+30 47 43.35	Aur	EW			15.063	0.729	0.3	C	2457775.421	0.278932		PC	2017
1162	USNO-B1.0 1213-0099138	05 44 58.346	+31 18 04.30	Aur	DSCT			14.321	0.797	0.2	C	2457071.1389	0.277775		PC	2017
1163	USNO-B1.0 1205-0102051	05 45 00.498	+30 31 40.94	Aur	EA			15.078	0.9	0.7	C	2457775.53	1.132013		PC	2017
1164	UCAC4 602-024312	05 46 57.808	+30 16 33.86	Aur	DSCT		12.835	11.256	0.391	0.02	C	2457445.541	0.187903		PC	2017
1165	UCAC4 674-081503	20 08 15.038	+44 43 20.64	Cyg	EW		14.731	13.077	0.516	0.66	C	2457895.4131	0.411254		MM, MT	2017
1166	UCAC4 673-083907	20 06 28.369	+44 28 22.34	Cyg	EW		15.489	13.714	0.521	0.6	C	2457896.4577	0.318468		MM, MT, FL	2017
1167	UCAC4 675-081459	20 04 14.767	+44 48 27.24	Cyg	EW		15.627	14.07	0.694	0.5	C	2457896.438	0.28872		MM, MT	2017
1168	UCAC4 673-083576	20 04 42.789	+44 30 07.41	Cyg	EW		15.148	13.488	0.391	0.5	C	2457896.41	0.41599		MM, MT, FL	2017
1169	UCAC4 676-079443	20 04 29.243	+45 04 23.48	Cyg	EW			13.49	0.689	0.4	C	2457901.438	0.376305		MM, MT	2017
1170	UCAC4 674-081224	20 07 12.034	+44 46 41.27	Cyg	EW		14.068	12.508	0.489	0.21	C	2457895.53	0.381825		MM, MT	2017
1171	UCAC4 623-070903	19 19 19.189	+34 31 00.64	Lyr	DSCT		14.079	13.058	0.291						FW	2017
1172	UCAC4 623-072430	19 23 43.481	+34 35 05.19	Lyr	EW		14.406	13.38	0.339						FW	2016
1173	UCAC4 625-069292	19 18 52.711	+34 51 07.39	Lyr	DSCT		12.803	12.15	0.171						MM	2016
1174	UCAC4 453-089706	19 10 58.923	+00 30 05.19	Aql	DSCT		14.979	13.137	0.487	0.25	R_c	2457634.5625	0.189456		FN, MJ	2017
1175	UCAC4 255-003856	03 50 42.644	-39 06 34.55	Eri	EW		12.901	11.757	0.49	0.19	C	2454475.385	0.268312		MM	2016
1176	UCAC4 096-004244	03 54 35.584	-70 59 45.30	Hya	HADS		12.568	11.86	0.107	0.44	V	2452141.063	0.058927		MM	2016
1177	UCAC4 093-004537	03 55 08.168	-71 35 59.61	Hya			12.034	10.979	0.313	0.15	V		0.20091		MM	2016
1178	UCAC4 095-003422	03 29 32.012	-71 08 17.54	Hya	EW			12.957	0.558	0.33	V	2452141.135	0.256887		MM	2016

Table 4: continued.

CzeV	ID	V SX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J</i> − <i>K</i>	<i>A</i>	<i>F</i>	<i>M</i> 0	<i>P</i>	Discoverer	Year
1179	UCAC4 091-006088	03 43	49.376	-71 49 02.92	Hya	EW	14.2	13.028	0.361	0.4	<i>V</i>		0.385907	MM	2016
1180	UCAC4 093-004247	03 35	32.139	-71 33 06.00	Hya	EW	13.782	12.689	0.28	0.5	<i>V</i>		0.208238	MM	2016
1181	UCAC4 215-028030	08 40	31.987	-47 00 01.46	Vel	EW	13.773	12.401	0.446	0.4	<i>V</i>	2453040.453	0.304516	MM	2016
1182	UCAC4 214-026003	08 35	27.445	-47 19 29.71	Vel	EW	13.229	11.578	0.501	0.2	<i>V</i>		0.402966	MM	2016
1183	UCAC4 231-028408	08 28	37.555	-43 51 04.15	Vel	EA	12.453	10.391	0.402	0.5	<i>V</i>	2452541.875	2.581445	MM	2016
1184	UCAC4 232-025408	08 16	40.376	-43 43 04.07	Vel	EA	13.255	12.012	0.253	0.6	<i>V</i>	2451967.392	1.635683	MM	2016
1185	UCAC4 234-026561	08 16	12.766	-43 23 58.28	Vel	EA	11.634	10.984	0.178	0.67	<i>V</i>	2451887.078	2.360606	MM	2016
1186	UCAC4 240-025273	08 15	16.539	-42 03 13.66	Pup	EW	13.605	11.94	0.427	0.25	<i>V</i>		0.491178	MM	2016
1187	UCAC4 212-011874	07 14	09.556	-47 37 08.44	Pup	HADS	13.792	12.872	0.131	0.5	<i>V</i>	2457770.735	0.10663	MM	2017
1188	UCAC4 173-071017	11 34	15.231	-55 25 32.34	Cen	EW	13.372	12.021	0.529	0.7	<i>V</i>	2451886.063	0.288767	MM	2017
1189	UCAC4 774-053752	22 56	27.004	+64 42 38.13	Cep	EW	12.123	10.981	0.369	0.21	<i>V</i>	2457241.43	0.404227	MM	2015
1190	UCAC4 773-056909	22 42	45.761	+64 32 02.51	Cep	EA		12.012	0.387	0.73	<i>V</i>	2457008.51	2.531757	MM	2015
1191	UCAC4 243-003702	03 40	01.087	-41 31 30.17	Eri	EW	13.817	11.926	0.618	0.26	<i>V</i>	2456826.815	0.341588	MM	2016
1192	UCAC4 293-061487	10 10	44.825	-31 25 11.43	Ant	EW	14.061	13.069	0.414	0.2	<i>C</i>	2454105.19	0.520882	MM	2017
1193	UCAC4 294-060644	10 08	58.363	-31 13 15.38	Ant	EW	13.296	11.433	0.652	0.11	<i>C</i>	2454484.53	0.231922	MM	2017
1194	UCAC4 297-062621	10 18	08.974	-30 46 28.49	Ant	EW	13.998	12.607	0.357	0.2	<i>V</i>	2457769.711	0.3333	MM	2017
1195	UCAC4 297-063023	10 23	21.805	-30 39 09.79	Ant	EW	14.039	13.094	0.4	0.45	<i>V</i>	2457759.769		MM	2017
1196	UCAC4 298-064492	10 20	53.469	-30 26 48.14	Ant	EB	13.849	13.28	0.182	0.24	<i>C</i>	2454144.605	0.645706	MM	2017
1197	UCAC4 300-063188	10 14	48.989	-30 03 33.13	Ant	EB	13.943	12.901	0.265	0.23	<i>C</i>	2454148.435	0.504298	MM	2017
1198	UCAC4 302-060840	10 09	04.762	-29 41 11.37	Ant	EW	13.627	11.865	0.593	0.09	<i>C</i>	2454474.495	0.39181	MM	2017
1199	UCAC4 302-061802	10 22	08.252	-29 40 37.94	Ant	RRAB	13.981	13.081	0.356	0.8	<i>C</i>	2453724.01	0.62766	MM	2017
1200	UCAC4 307-061225	10 15	16.996	-28 45 05.32	Ant	EW	14.556	12.636	0.616	0.26	<i>C</i>	2453695.34	0.40911	MM	2017
1201	UCAC4 450-026268	06 56	58.272	-00 06 45.88	Mon		14.498	13.213	0.452	0.5	<i>V</i>		0.288813	MM	2017
1202	UCAC4 522-071944	18 17	31.225	+14 18 34.78	Oph	EW	14.475	12.873	0.474	0.42	<i>C</i>	2457926.518	0.317	MM	2017
1203	UCAC4 522-071847	18 17	05.117	+14 18 17.80	Oph	EW:	14.251	13.12	0.251	0.33	<i>C</i>			MM	2017
1204	UCAC4 523-075914	18 20	27.473	+14 29 56.33	Oph	EA		13.322	0.414	0.16	<i>V</i>	2457045.85	2.414458	MM	2017
1205	UCAC4 521-073807	18 19	39.301	+14 09 45.97	Oph	EA	14.543	13.311	0.414	1.05	<i>V</i>	2457046.39	2.927414	MM	2017
1206	UCAC4 728-086713	22 19	53.544	+55 31 22.92	Lac	EW	14.697	13.086	0.552	1	<i>C</i>	2457907.479	0.4183	MM, MT	2017
1207	UCAC4 726-087157	22 22	27.042	+55 01 11.06	Lac	EW	14.582	13.087	0.603	0.58	<i>C</i>	2457906.505	0.3494	MM, MT	2017
1208	UCAC4 725-089381	22 22	27.398	+54 50 10.09	Lac	DSCT	11.711	10.66	0.253	0.03	<i>C</i>	2457906.47	0.0712	MM, MT	2017
1209	UCAC4 729-084034	22 23	13.530	+55 40 07.50	Cep	EA	15.517	13.807	0.354	0.5	<i>C</i>	2457906.362		MM, MT	2017
1210	UCAC4 727-083716	22 18	51.126	+55 23 20.8	Lac	DSCT		11.741	0.341	0.14	<i>C</i>	2457907.424	0.1975	MM, MT	2017
1211	UCAC4 726-086626	22 20	42.794	+55 04 13.08	Lac	EW	14.519	13.191	0.368	0.47	<i>C</i>	2457919.486	0.6925	MM, MT	2017
1212	UCAC4 727-085388	22 23	59.438	+55 16 42.97	Lac	EW	13.145	11.95	0.324	0.22	<i>C</i>	2457906.486	0.81857	MM, MT	2017
1213	UCAC4 727-085034	22 22	56.382	+55 20 27.83	Lac	DSCT	11.55	10.604	0.263	0.03	<i>C</i>	2457918.492	0.06793	MM, MT	2017
1214	UCAC4 726-086740	22 21	05.968	+55 11 30.76	Lac	EW	15.316	13.636	0.453	0.67	<i>C</i>	2457923.397	0.4324	MM, MT	2017
1215	UCAC4 726-087002	22 21	52.261	+55 03 43.27	Lac	EB	15.734	13.285	0.585	0.6	<i>C</i>	2457905.78	1.0358	MM, MT	2017
1216	UCAC4 726-087228	22 22	42.565	+55 05 59.13	Lac	EW	13.925	12.807	0.189	0.22	<i>C</i>	2457907.453	0.55204	MM, MT	2017

Table 4: continued.

CzeV	ID	VSX	RA	DE	Con	Type	<i>V</i>	<i>J</i>	<i>J - K</i>	<i>A</i>	<i>F</i>	<i>M0</i>	<i>P</i>	Discoverer	Year
1217	UCAC4 725-089077	22 21	29.244	+54 55 04.35	Lac	DSCT RRc	13.717	11.534	0.741	0.12	<i>C</i>	2457919.47	0.2753	MM, MT	2017
1218	UCAC4 729-082809	22 19	25.917	+55 47 23.85	Cep	EW	14.885	13.464	0.491	0.3	<i>C</i>	2457918.465	0.3617	MM, MT	2017
1219	UCAC4 725-089205	22 21	55.603	+54 59 54.55	Lac	DSCT	13.229	11.89	0.34	0.08	<i>C</i>	2457919.406	0.211603	MM, MT	2017
1220	UCAC4 727-084634	22 21	36.245	+55 12 29.86	Lac	EW	13.674	12.121	0.383	0.11	<i>C</i>	2457906.428	0.3429	MM, MT	2017
1221	UCAC4 730-084577	22 21	42.630	+55 48 58.05	Cep	EB:	14.797	13.219	0.502	0.18	<i>C</i>			MM, MT	2017
1222	UCAC4 725-089490	22 22	44.711	+54 53 35.21	Lac	EW	14.942	13.629	0.373	0.16	<i>C</i>	2457906.31	0.6017	MM, MT	2017
1223	UCAC4 728-086550	22 19	30.008	+55 32 01.09	Lac	DSCT	15.127	13.684	0.398	0.1	<i>C</i>	2457906.463	0.1039	MM, MT	2017
1224	UCAC4 727-085143	22 23	18.254	+55 22 05.61	Lac	DSCT	13.92	12.614	0.281	0.09	<i>C</i>	2457906.468	0.23388	MM, MT	2017
1225	UCAC4 726-087236	22 22	43.798	+55 02 41.23	Lac	EA	13.225	12.057	0.266	0.45	<i>C</i>	2457919.451		MM, MT	2017
1226	UCAC4 726-085812	22 18	41.011	+55 08 49.72	Lac	EB	16.213	14.125	0.511	0.93	<i>C</i>		0.4686	MM, MT	2017
1227	UCAC4 729-084250	22 23	48.058	+55 42 26.34	Lac	EB	15.653	13.844	0.646	0.8	<i>C</i>	2457918.52	1.4061	MM, MT	2017
1228	UCAC4 730-084421	22 21	18.730	+55 48 54.81	Cep	EA	14.69	14.215	0.18	0.45	<i>C</i>	2457919.414		MM, MT	2017