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PHOTOELECTRIC OBSERVATIONS OF SOUTHERN CEPHEIDS IN 1996

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In September–November 1996, 2902 photoelectric BVI_c brightness measurements were made for 123 Cepheids using the CTIO 1-m reflector. Tables of observations, V light curves, and $B - V$ and $V - I_c$ colour curves are presented.

KEY WORDS Cepheids, photoelectric photometry

1 INTRODUCTION

Our experience in studying the pulsational period stability for a number of northern hemisphere Cepheids has shown that only regular photoelectric observations of these stars (Berdnikov, 1986, 1987, 1992a–1992f, 1993; Berdnikov and Turner, 1995a, 1995b; Berdnikov and Vozyakova, 1995; Berdnikov *et al.*, 1997b) make it possible to reveal and study their small period variations (Berdnikov, 1994; Berdnikov and Pastukhova, 1994a, 1994b, 1995; Berdnikov, *et al.*, 1997a). In 1994, in addition to the monitoring of northern hemisphere Cepheids, we began the same programme for a number of southern hemisphere Cepheids. A continuation of this programme is the first goal of the present paper.

Another goal of this paper is to obtain photoelectric light curves for 56 southern hemisphere Cepheids that have not been observed in detail previously or for which light curves are incomplete.

2 OBSERVATIONS

The photoelectric observations were performed in September–November, 1996 (JD 2450348–94) with the 1-m reflector of the Cerro Tololo Inter-American Observa-

tory (CTIO), equipped with the ASCAP pulse-counting photoelectric photometer. Cooled unit 53 with an RCA 31034 photomultiplier and BVI_c filters from filter set 3 of the Kron–Cousins photometric system (Cousins, 1976) were employed.

Observing techniques are described in our previous paper (Berdnikov *et al.*, 1997b). Landolt's (1983) photometric standards from the equatorial areas SA 94 (stars Nos. 305, 308, and 342), SA 110 (stars Nos. 340, 353, and 471) and SA 114 (stars Nos. 172, 176, and 272) were used. Observational errors of the Cepheids are close to 0^m01 in all bands.

We have obtained a total of 2902 measurements for 123 Cepheids, which are summarized in Table 1 and plotted in Figures 1–14. The first column of Table 1 gives the heliocentric times of the observations; the third through fifth columns give the V magnitudes and the $B - V$ and $V - I_c$ colours. The phases of observations, given in the second column of the table and used to construct the light curves in Figures 1–14, were calculated with the elements from Table 2.

For 23 Cepheids (CF Car, CQ Car, FK Car, FM Car, HS Car, HW Car, IK Car, IM Car, IP Car, IZ Cen, LV Cen, BQ CrA, V449 CrA, DF Ori, V336 Ori, DV Ser, RX Tuc, SV Tuc, BH Vel, BQ Vel, CP Vel, DK Vel and FN Vel) photoelectric observations were obtained for the first time. In addition, observations allowed us as well to refine the light curves (mainly in the I band) for 33 Cepheids: VX Cap, V Car, UW Car, UY Car, CN Car, ER Car, GS Car, GX Car, IU Cen, V381 Cen, V659 Cen, V737 Cen, AV Cir, BP Cir, AL CrA, BE CrA, HQ CrA, KQ CrA, V347 CrA, S Mus, AA Nor, GU Nor, AP Pup, CO Pup, V636 Sco, ST Vel, SX Vel, AE Vel, AM Vel, CO Vel, CS Vel, CX Vel and DP Vel.

The large scatter of data points in the light curves for Y Car, GZ Car, UZ Cen, BK Cen, VX Pup, EW Sct, V367 Sct, BQ Ser, U TrA, AP Vel and AX Vel can be explained by the bimodality of these Cepheids.

Acknowledgements

The authors acknowledge the partial support for this work by the Russian Foundation for Fundamental Research (project Nos. 1995–02–05276 and 1994–02–04347) and the Natural Sciences and Engineering Research Council of Canada. We are grateful to the Director of the Cerro Tololo Inter–American Observatory for allocating a large amount of observing time.

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Appendix A

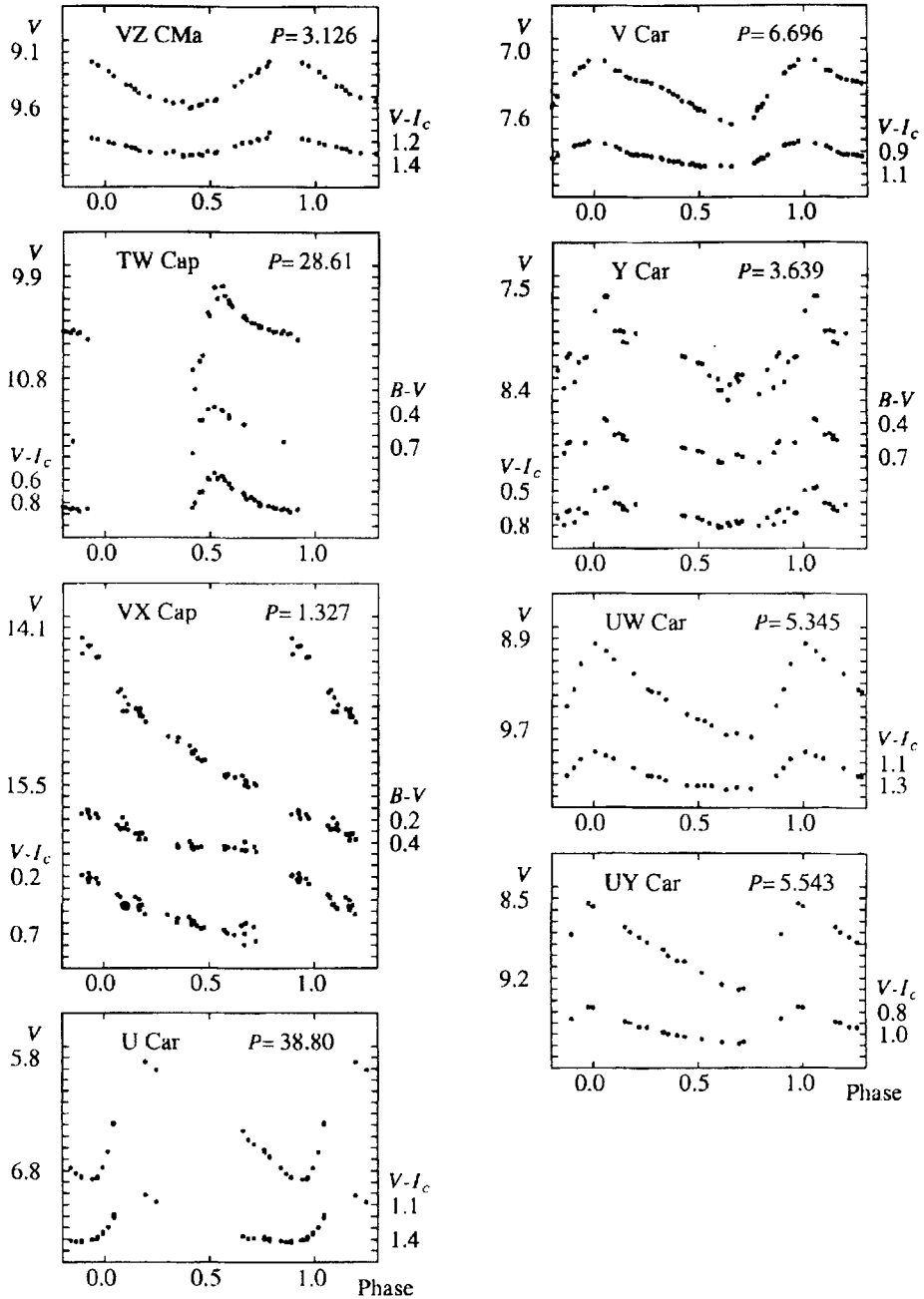


Figure 1 The light and colour curves for VZ CMa, TW Cap, VX Cap, U Car, V Car, Y Car, UW Car and UY Car.

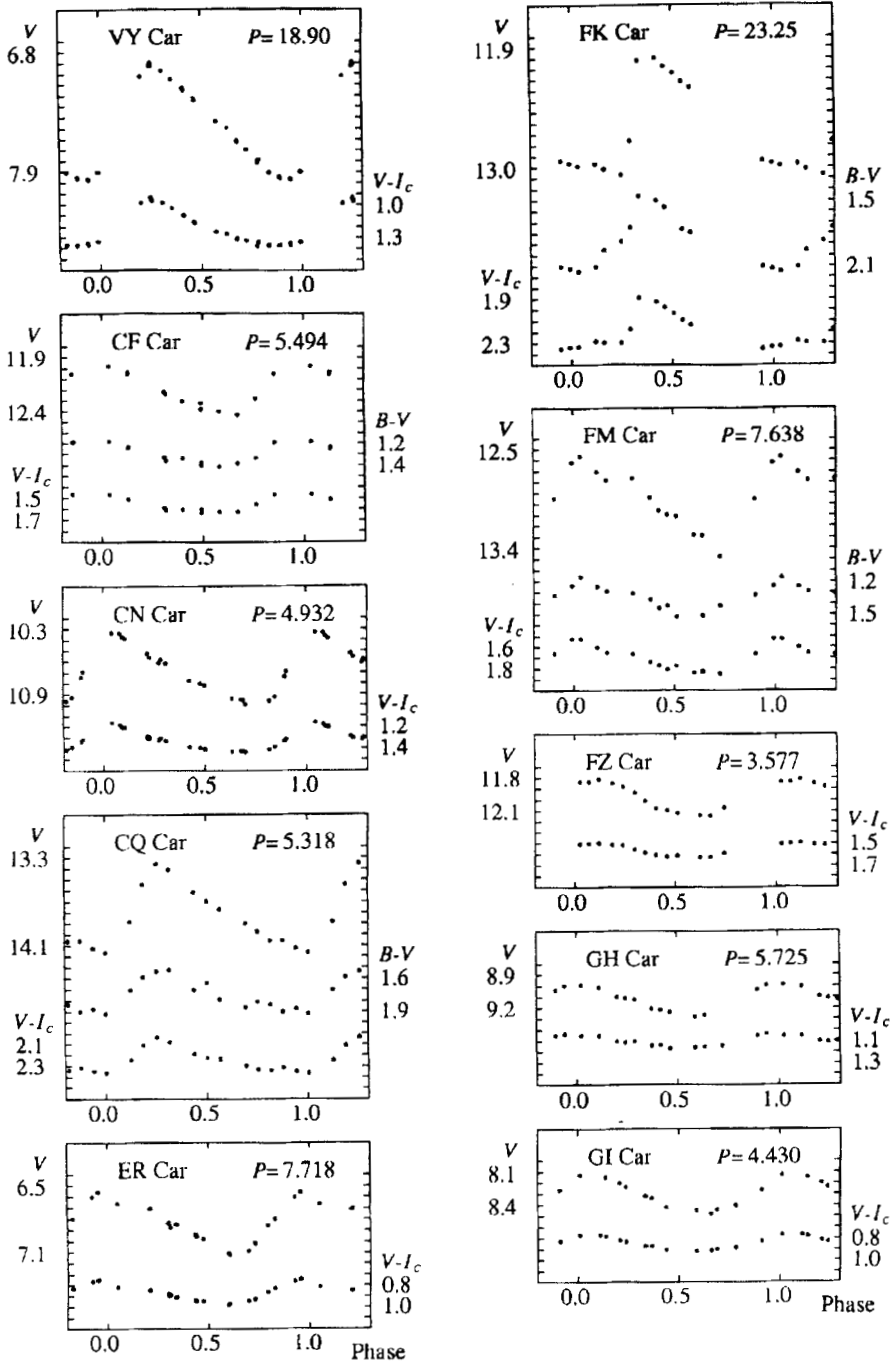


Figure 2 The light and colour curves for VY Car, CF Car, CN Car, CQ Car, ER Car, FK Car, FM Car, FZ Car, GH Car and GI Car.

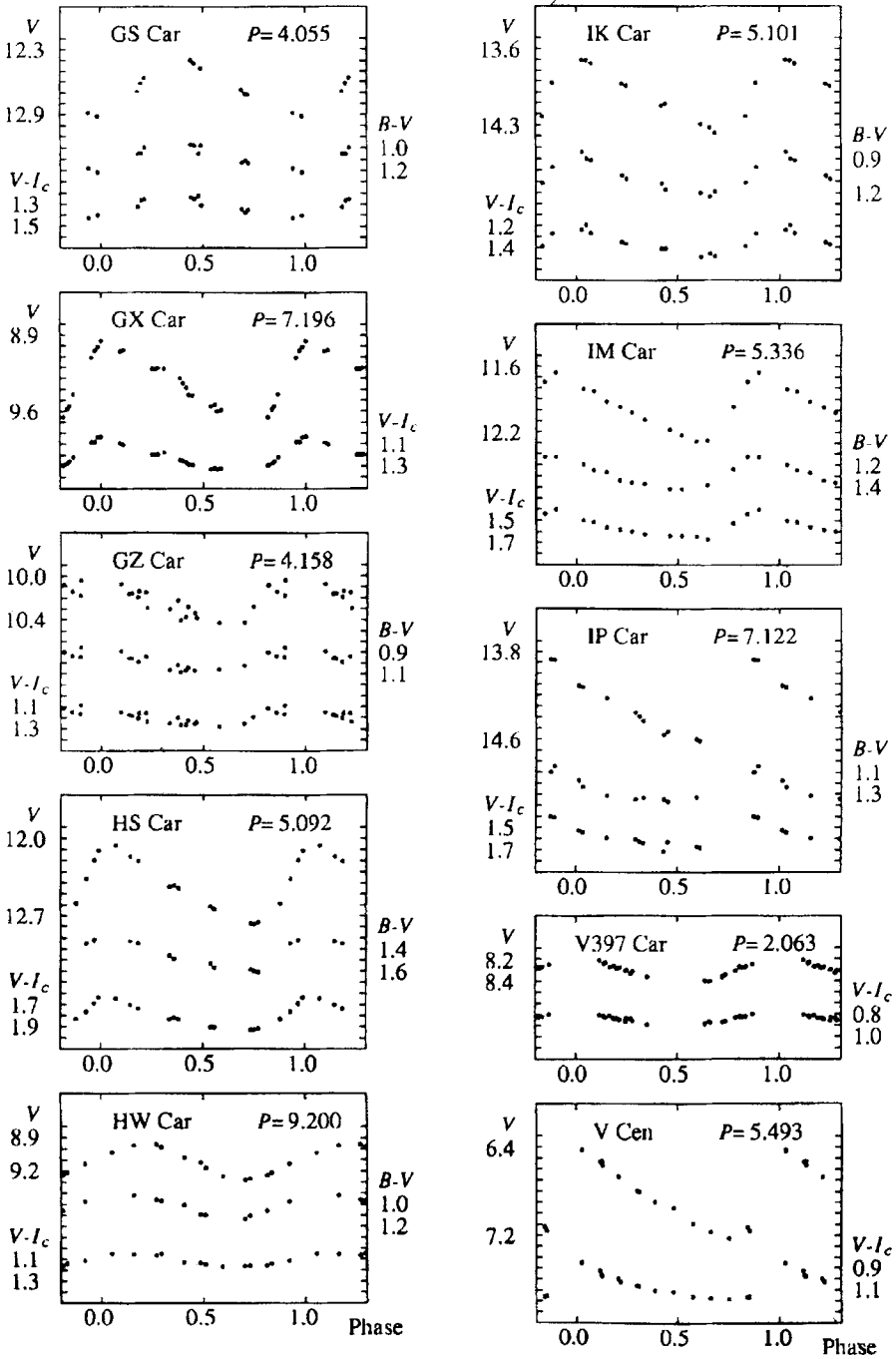


Figure 3 The light and colour curves for GS Car, GX Car, GZ Car, HS Car, HW Car, IK Car, IM Car, IP Car, V397 Car and V Cen.

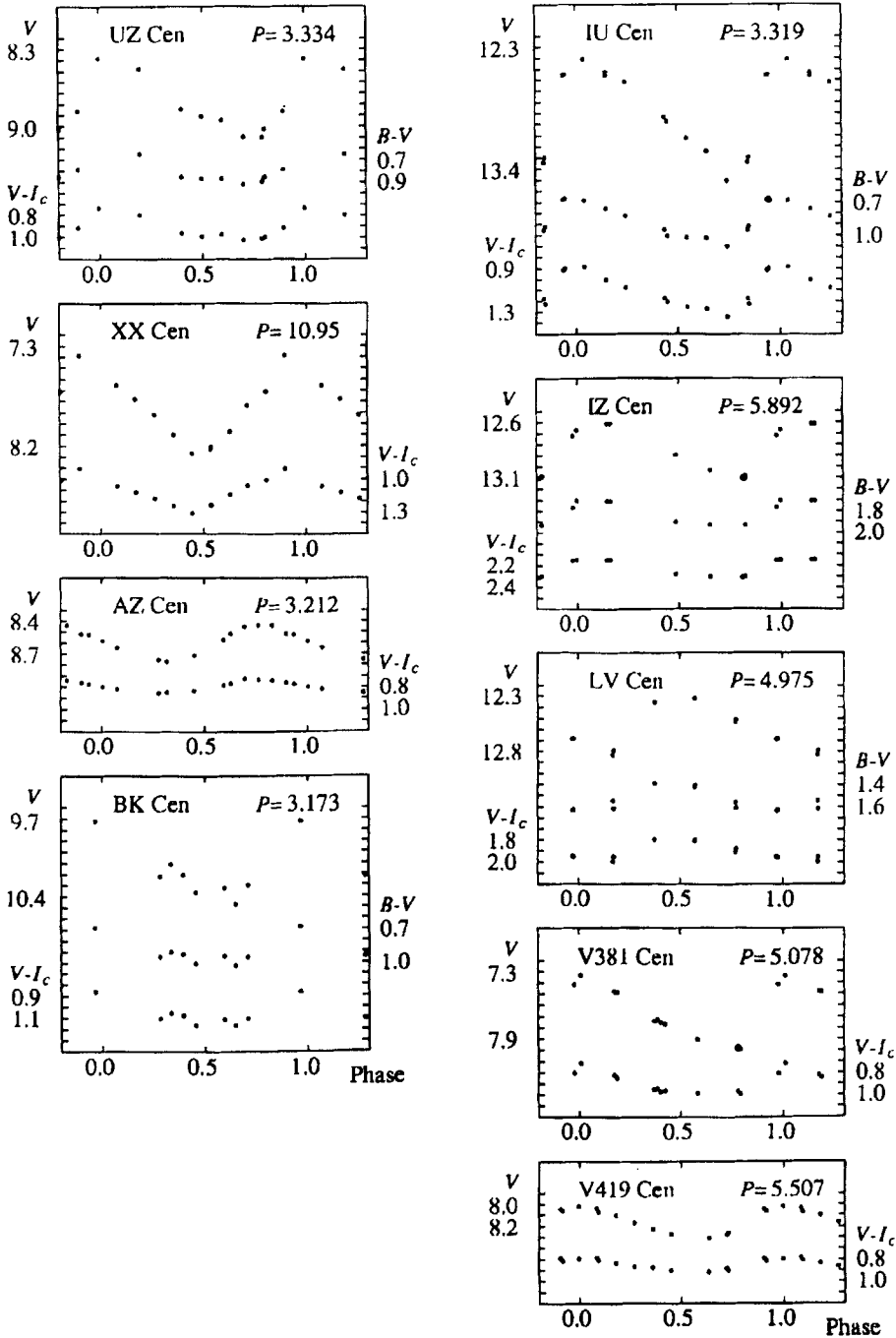


Figure 4 The light and colour curves for UZ Cen, XX Cen, AZ Cen, BK Cen, IU Cen, IZ Cen, LV Cen, V381 Cen and V419 Cen.

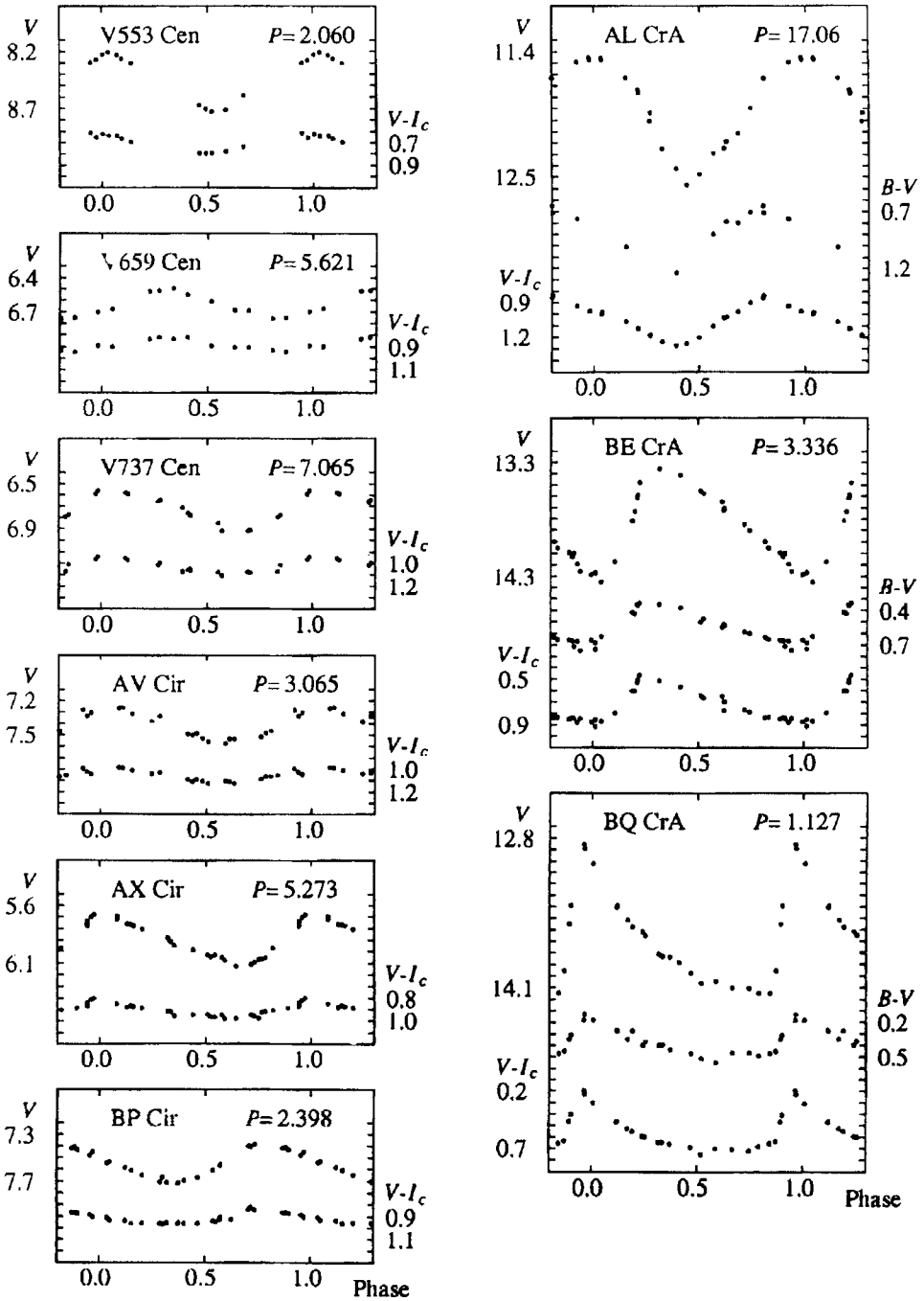


Figure 5 The light and colour curves for V553 Cen, V659 Cen, V737 Cen, AV Cir, AX Cir, BP Cir, AL CrA, BE CrA and BQ CrA.

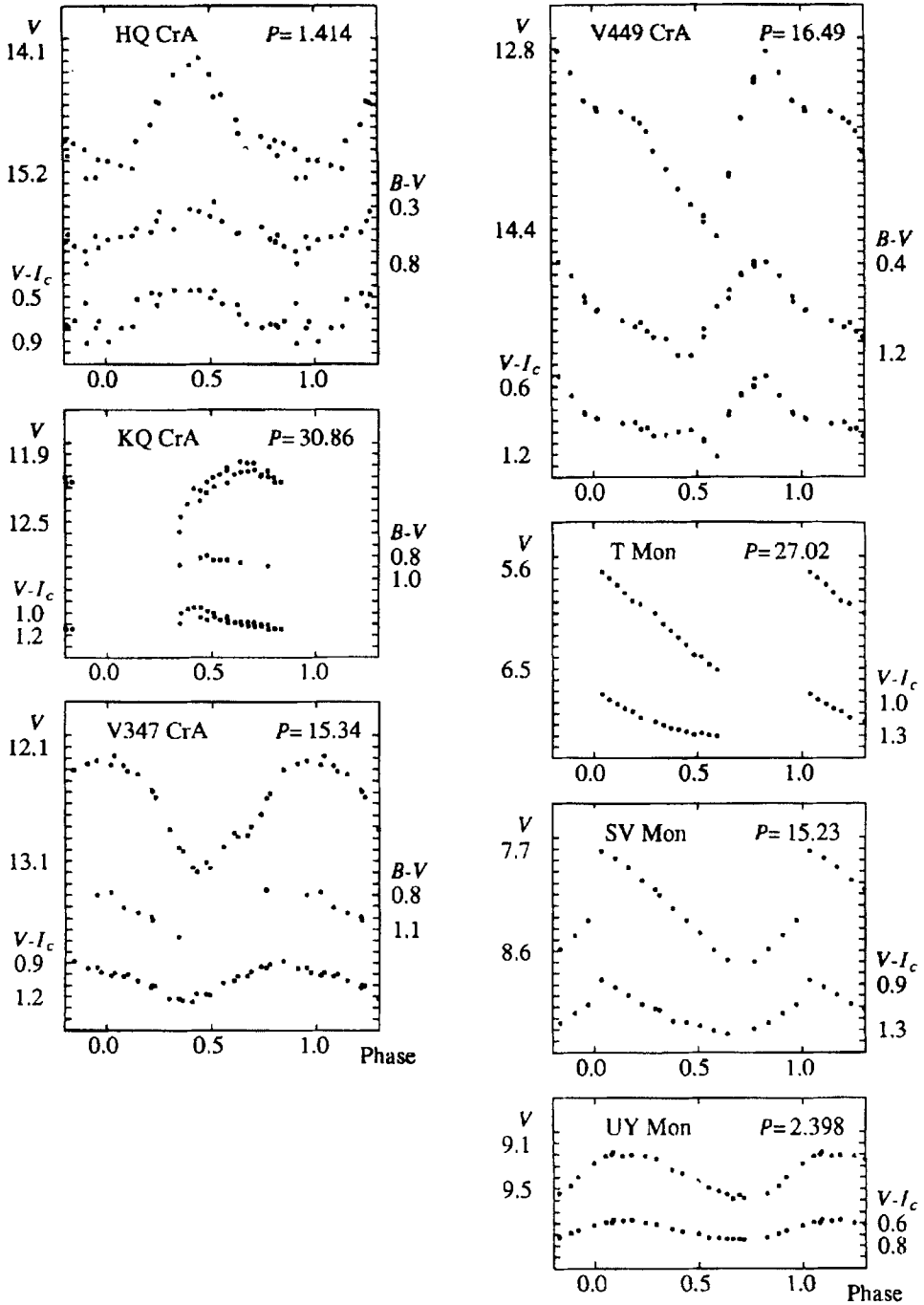


Figure 6 The light and colour curves for HQ CrA, KQ CrA, V347 CrA, V449 CrA, T Mon, SV Mon and UY Mon.

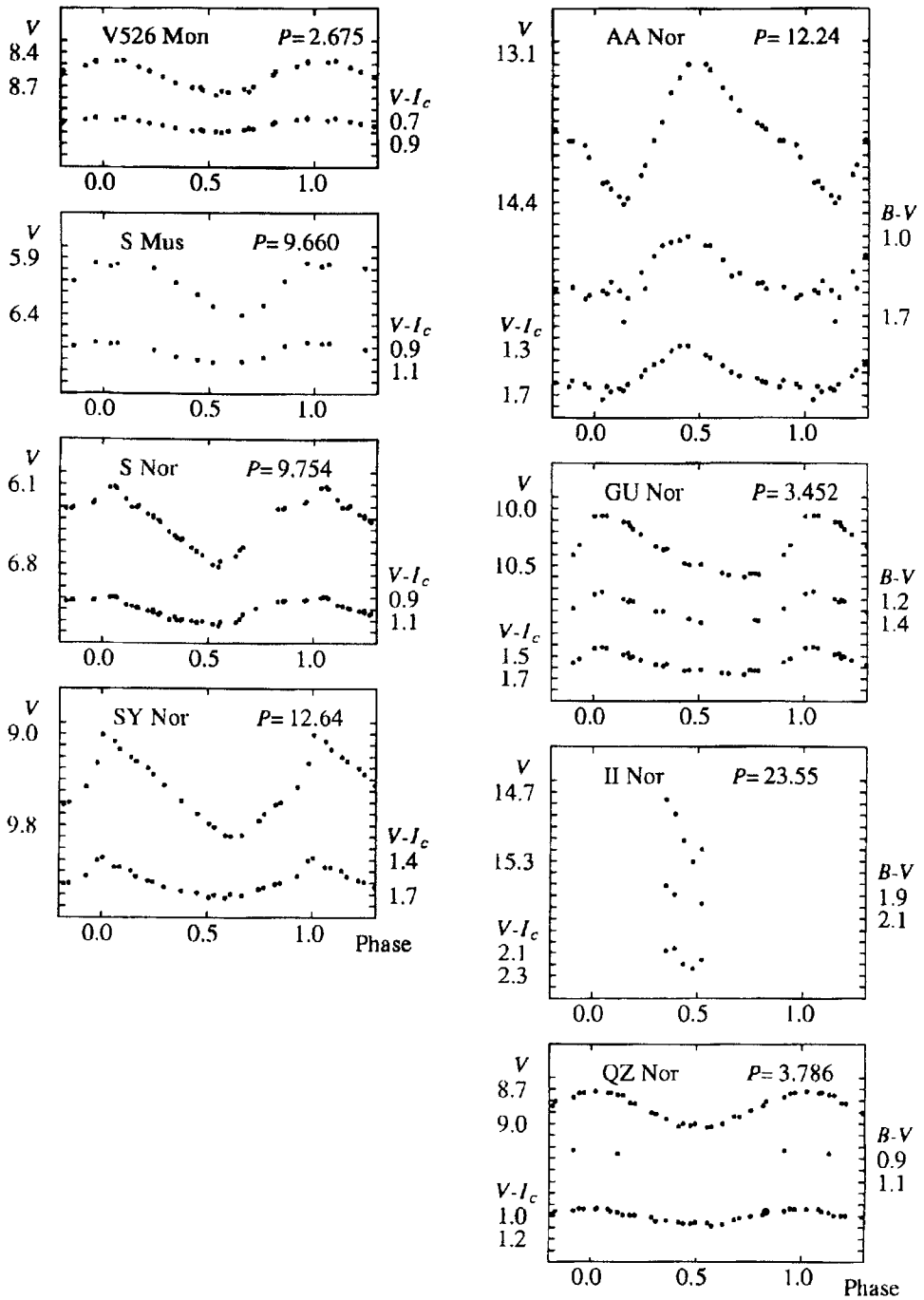


Figure 7 The light and colour curves for V526 Mon, S Mus, S Nor, SY Nor, AA Nor, GU Nor, II Nor and QZ Nor.

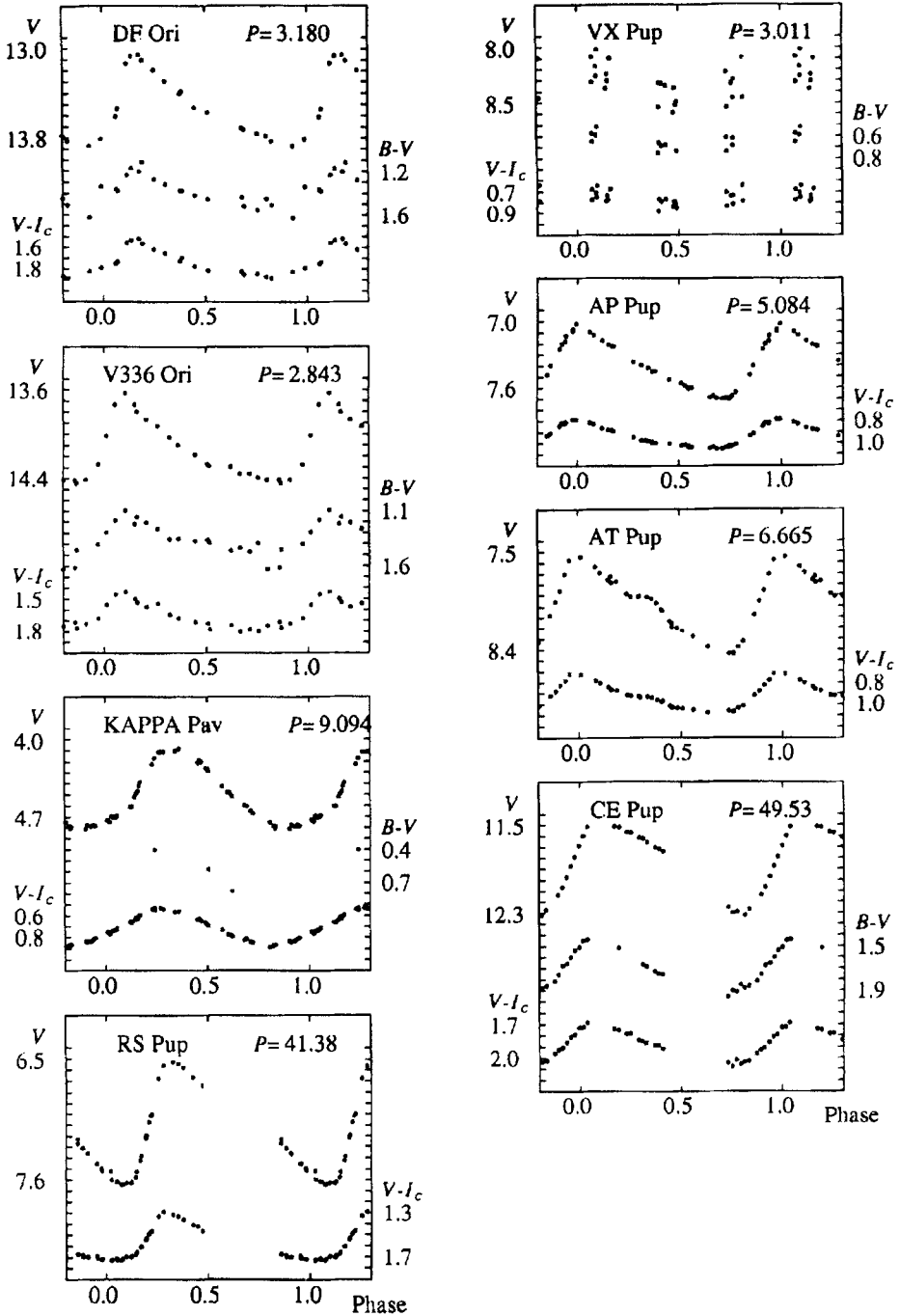


Figure 8 The light and colour curves for DF Ori, V336 Ori, κ Pav, RS Pup, VX Pup, AP Pup, AT Pup and CE Pup.

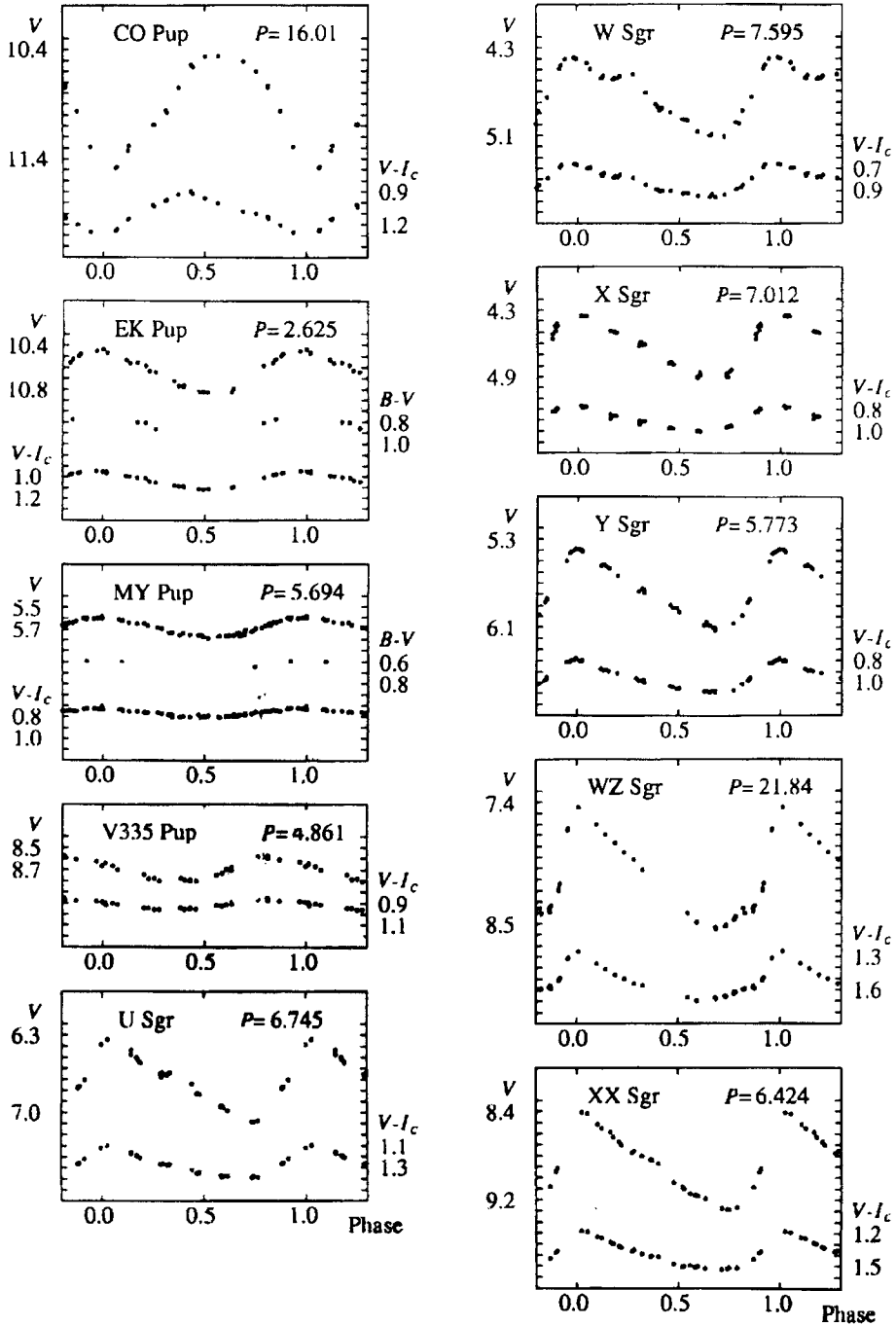


Figure 9 The light and colour curves for CO Pup, EK Pup, MY Pup, V335 Pup, U Sgr, W Sgr, X Sgr, Y Sgr, WZ Sgr and XX Sgr.

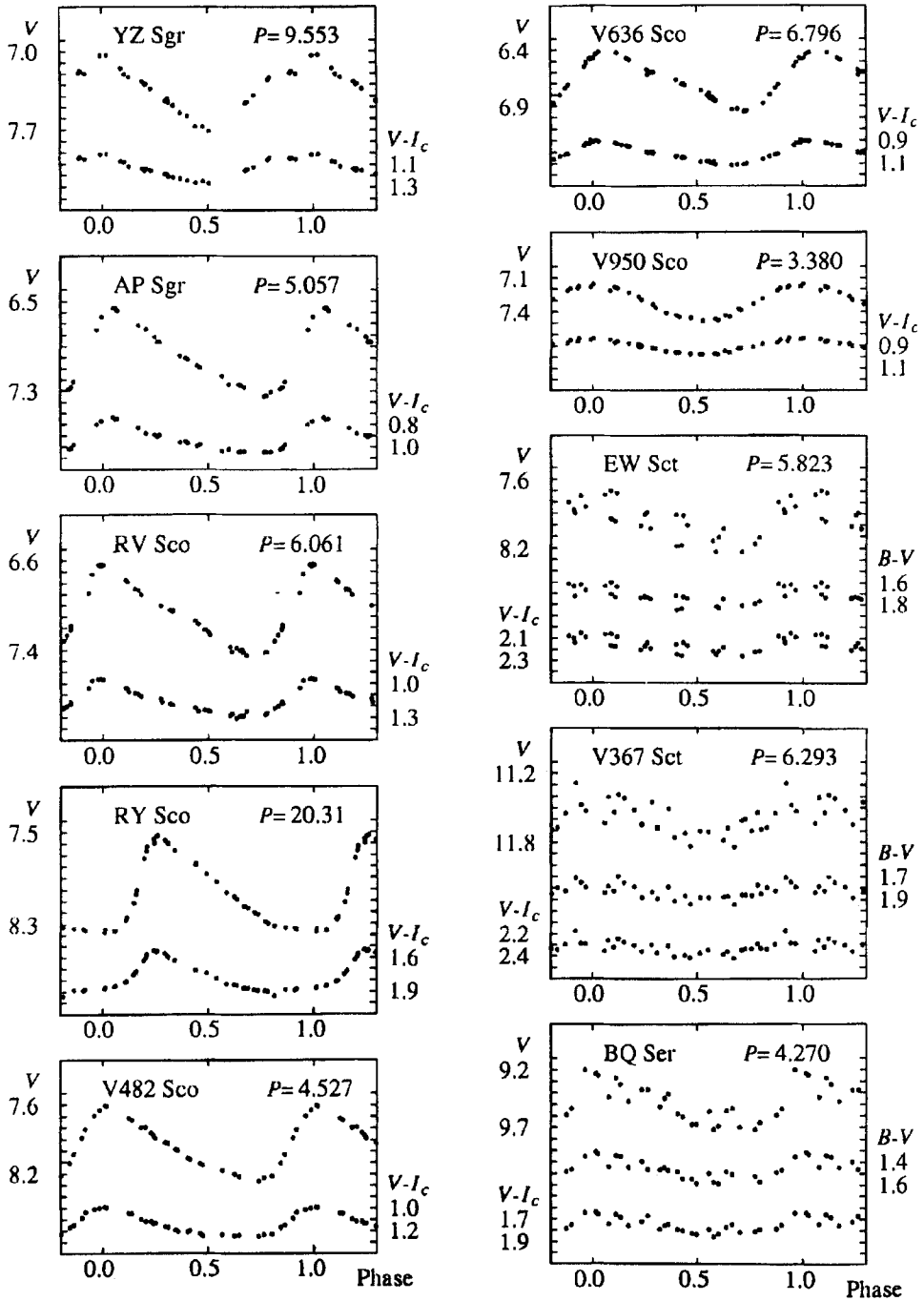


Figure 10 The light and colour curves for YZ Sgr, AP Sgr, RV Sco, RY Sco, V482 Sco, V636 Sco, V950 Sco, EW Sct, V367 Sct and BQ Ser.

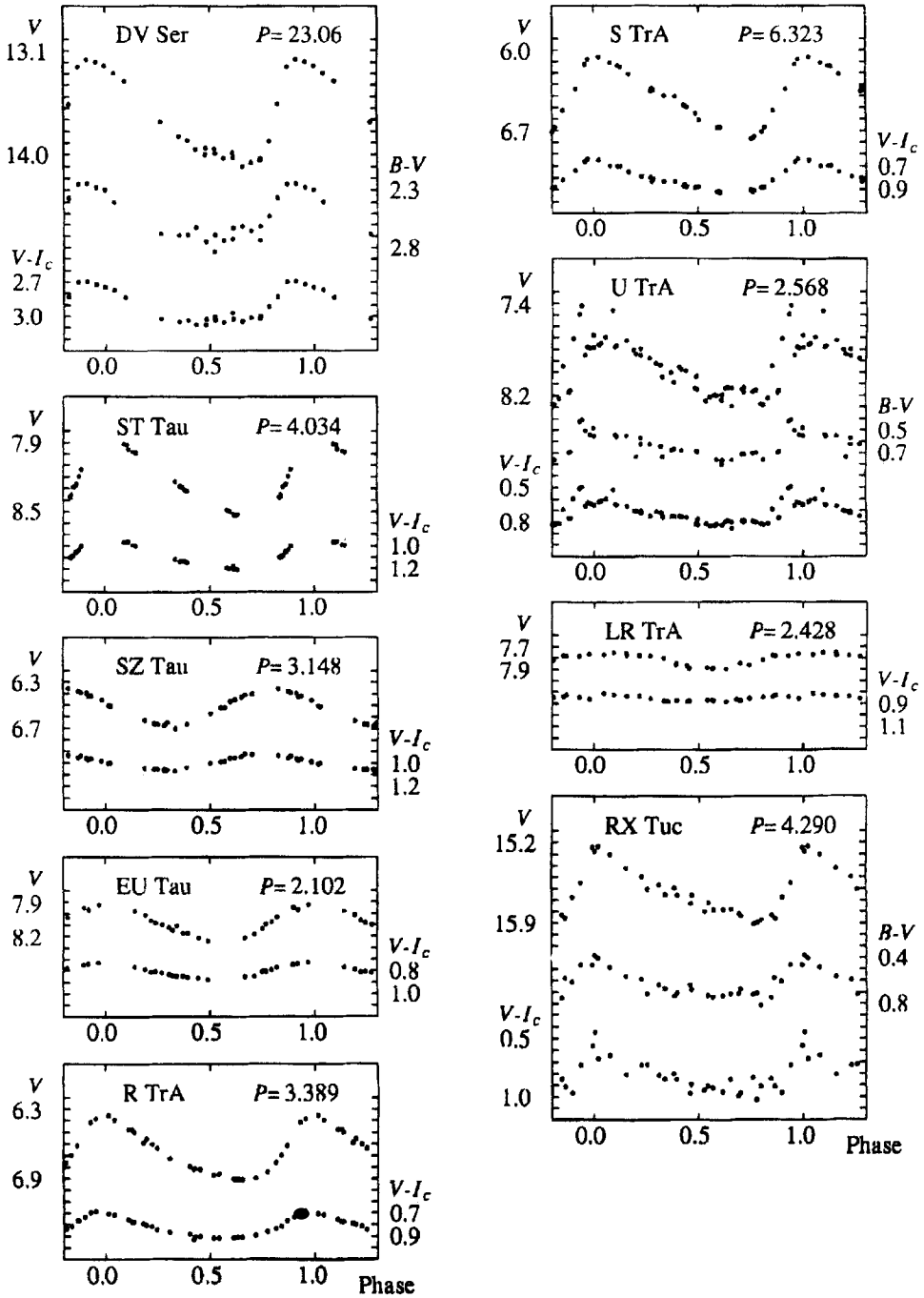


Figure 11 The light and colour curves for DV Ser, ST Tau, SZ Tau, EU Tau, R TrA, S TrA, U TrA, LR TrA and RX Tuc.

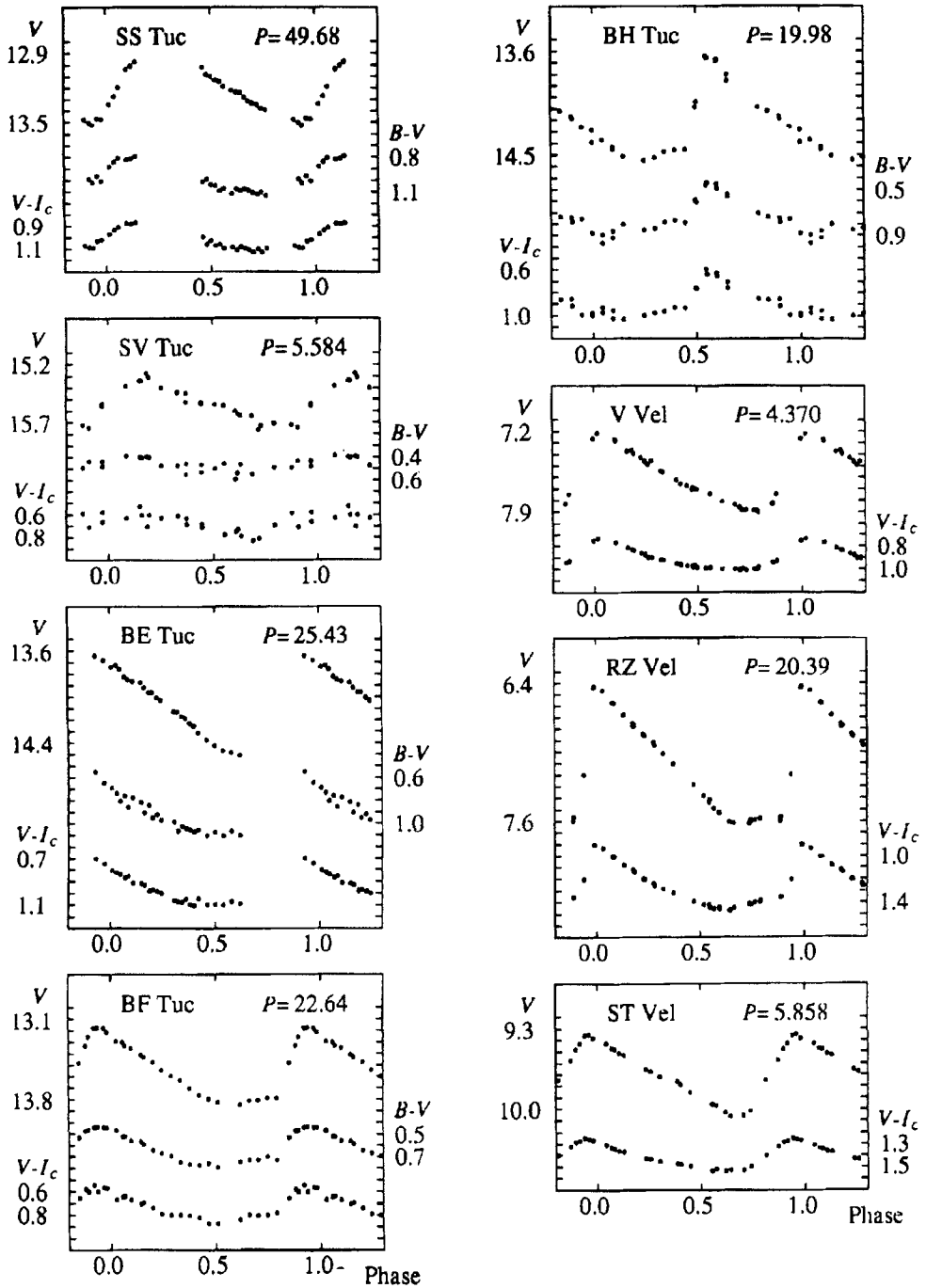


Figure 12 The light and colour curves for SS Tuc, SV Tuc, BE Tuc, BF Tuc, BH Tuc, V Vel, RZ Vel and ST Vel.

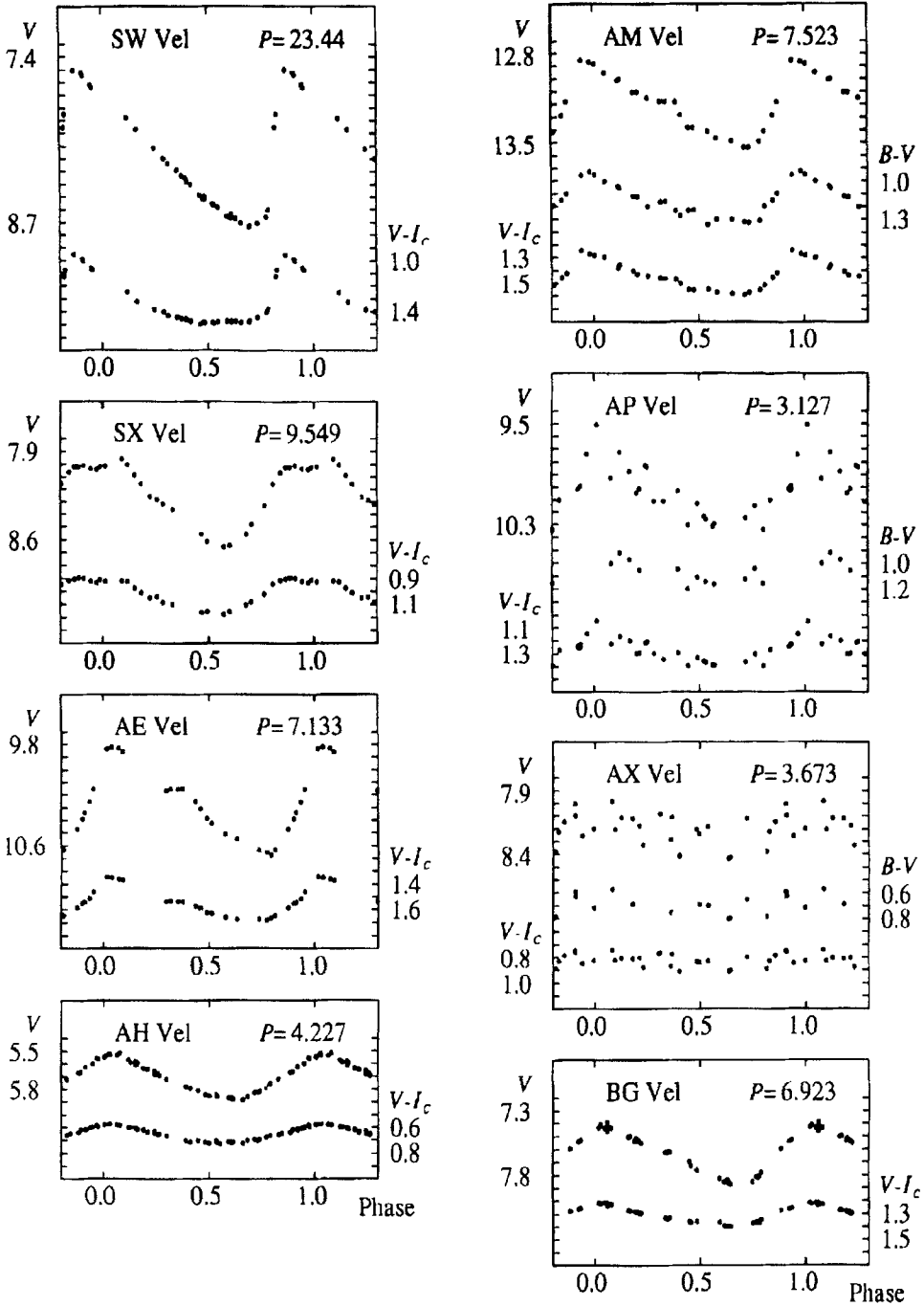


Figure 13 The light and colour curves for SW Vel, SX Vel, AE Vel, AH Vel, AM Vel, AP Vel, AX Vel and BG Vel.

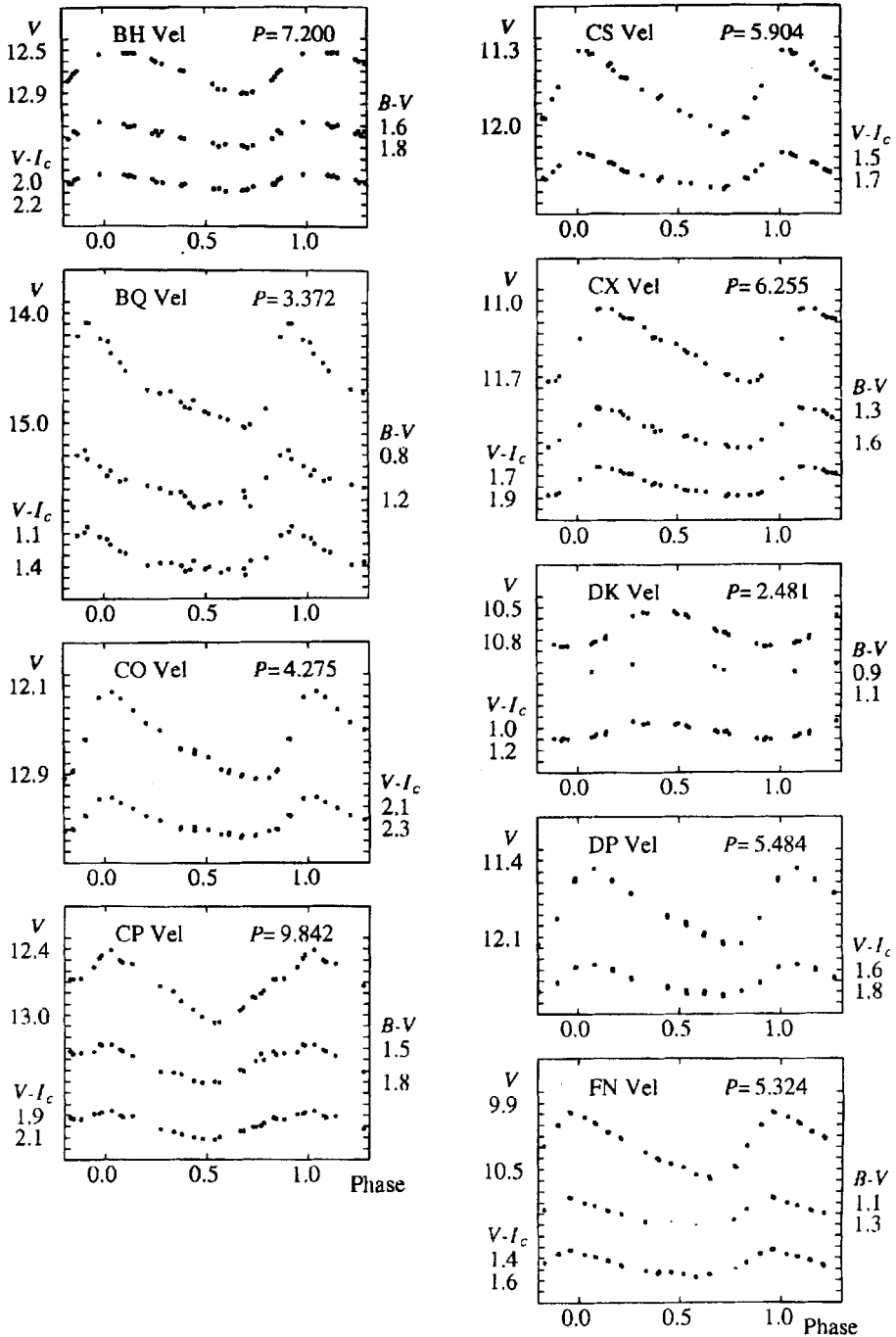


Figure 14 The light and colour curves for BH Vel, BQ Vel, CO Vel, CP Vel, CS Vel, CX Vel, DK Vel, DP Vel and FN Vel.

Appendix B

Table 1.

<i>JD Hel</i> 2450000+	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> 2450000+	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
VZ CMa									
351.8190	0.218	9.510	-	1.296	382.7280	0.105	9.401	-	1.242
352.8020	0.533	9.528	1.009	1.291	383.7042	0.417	9.597	-	1.321
354.7931	0.169	9.478	-	1.290	384.6984	0.735	9.255	-	1.185
355.7967	0.490	9.543	-	1.288	386.6932	0.373	9.554	-	1.337
355.9055	0.525	9.542	-	1.302	386.6945	0.374	9.549	-	1.322
357.7943	0.129	9.406	-	1.256	387.6932	0.693	9.310	-	1.205
358.7971	0.450	9.584	-	1.318	388.7164	0.020	9.279	-	1.208
359.8100	0.774	9.228	-	1.169	389.6856	0.330	9.560	-	1.295
361.7923	0.408	9.607	-	1.324	390.7009	0.655	9.362	-	1.215
362.7942	0.729	9.286	-	1.177	391.6867	0.970	9.224	-	1.185
363.7849	0.046	9.322	-	1.222	392.6934	0.292	9.542	-	1.309
379.7427	0.150	9.445	-	1.264	393.7192	0.621	9.409	-	1.241
380.7306	0.466	9.575	-	1.325	394.7164	0.939	9.195	-	1.173
381.7262	0.784	9.189	-	1.117					
TW Cap									
350.6862	0.419	10.716	0.760	0.843	363.6225	0.871	10.401	-	0.860
351.6393	0.452	10.644	0.465	0.706	379.6243	0.430	10.885	-	0.799
352.7095	0.489	10.213	0.370	0.581	380.6236	0.465	10.593	0.463	0.705
353.6027	0.520	9.989	0.344	0.535	381.6267	0.500	10.242	-	0.597
354.6263	0.556	9.980	0.367	0.562	382.6164	0.535	10.088	-	0.587
354.6968	0.559	9.980	0.376	0.567	383.6240	0.570	10.065	-	0.603
355.5913	0.590	10.103	0.419	0.627	384.6198	0.605	10.157	-	0.673
355.6481	0.592	10.133	0.441	0.637	386.6084	0.674	10.275	-	0.764
357.5965	0.660	10.256	0.500	0.712	387.5889	0.708	10.309	-	0.767
357.6958	0.664	10.237	0.495	0.723	388.5881	0.743	10.337	-	0.815
358.6319	0.696	10.303	-	0.749	389.5816	0.778	10.359	-	0.821
359.6223	0.731	10.325	-	0.794	390.5741	0.813	10.381	-	0.841
359.7014	0.734	10.346	-	0.822	391.5712	0.848	10.371	0.654	0.849
361.6362	0.801	10.383	-	0.840	392.5781	0.883	10.396	-	0.878
362.6450	0.837	10.397	-	0.855	393.5713	0.917	10.450	-	0.853
VX Cap									
351.6448	0.088	14.840	0.181	0.435	355.5945	0.063	14.667	0.249	0.355
352.7140	0.893	14.327	-	0.180	355.6524	0.106	14.839	0.236	0.464
353.6122	0.570	15.401	0.424	0.656	357.5999	0.573	15.421	0.458	0.669
357.7060	0.653	15.410	0.461	0.621	381.6386	0.681	15.506	-	-
358.6289	0.349	15.112	0.418	0.594	382.6263	0.425	15.211	0.458	0.604
358.7035	0.405	15.148	0.387	0.549	383.6316	0.182	14.885	0.320	0.443
359.6163	0.092	14.706	0.279	0.434	384.6269	0.932	14.254	0.188	0.206
359.7117	0.164	14.845	0.380	0.452	386.6151	0.429	15.186	0.445	0.585
361.6015	0.588	15.398	0.439	0.686	387.5941	0.167	14.883	0.325	0.475
361.6470	0.622	15.424	0.443	0.705	388.5927	0.919	14.257	0.118	0.220
361.7131	0.672	15.453	0.472	0.691	388.6472	0.960	14.360	0.155	0.212
362.5513	0.303	15.065	-	0.526	389.5878	0.669	15.495	0.386	0.791
362.6136	0.350	15.071	0.441	0.555	389.6477	0.714	15.476	0.433	0.633

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
362.7016	0.416	15.217	0.420	0.580	390.5791	0.415	15.201	0.441	0.614
362.7370	0.443	15.257	0.445	0.621	390.6400	0.461	15.279	0.430	0.650
363.5774	0.076	14.644	0.283	0.380	391.5801	0.169	14.851	0.366	0.399
363.6261	0.113	14.776	0.288	0.471	392.5828	0.925	14.262	0.122	0.170
363.6723	0.148	14.815	0.322	0.371	392.6441	0.971	14.353	0.189	0.260
363.7007	0.195	14.931	0.368	0.523	393.5757	0.673	15.471	0.462	0.599
375.6341	0.171	14.811	0.320	0.486	393.6413	0.722	15.494	0.479	0.759
380.5904	0.891	14.190	0.150	0.187	394.6409	0.475	15.271	-	0.636
380.6340	0.924	14.265	0.146	0.242					
U Car									
351.8962	0.939	-	-	1.408	388.8182	0.890	6.856	-	1.430
352.9023	0.965	6.868	-	1.399	388.8527	0.891	6.853	-	1.415
361.8923	0.196	5.837	-	1.013	390.8086	0.942	6.873	-	1.407
363.8840	0.248	5.910	-	1.073	390.8492	0.943	6.873	-	1.401
379.8688	0.660	6.448	-	1.372	391.8034	0.967	6.857	-	1.384
380.8856	0.686	6.526	-	1.394	391.8434	0.968	6.855	-	1.380
381.8639	0.711	6.569	-	1.388	392.7813	0.993	6.772	-	1.352
383.8342	0.762	6.610	-	1.380	392.8464	0.994	6.773	-	1.339
383.8691	0.763	6.637	-	1.399	393.8070	0.019	6.632	-	1.293
384.8449	0.788	6.672	-	1.391	393.8512	0.020	6.631	-	1.293
384.8669	0.789	6.675	-	1.412	394.8033	0.045	6.394	-	1.209
386.8648	0.840	6.774	-	1.412	394.8414	0.046	6.380	-	1.183
387.8547	0.866	6.823	-	1.424					
V Car									
352.8961	0.159	7.233	-	0.907	384.8750	0.935	7.152	-	0.838
354.9006	0.459	7.470	-	1.013	386.7199	0.210	-	-	0.926
355.8978	0.608	7.618	-	1.029	386.8749	0.233	7.271	-	0.930
357.8957	0.906	7.209	-	0.852	387.7231	0.360	7.359	-	0.976
358.8944	0.055	7.088	-	0.835	387.8639	0.381	7.394	-	0.988
359.8879	0.203	7.261	-	0.921	388.6994	0.506	7.522	-	1.034
361.8870	0.502	7.535	-	1.018	388.8617	0.530	7.542	-	1.026
363.8917	0.801	7.506	-	0.959	389.7070	0.656	7.656	-	1.033
379.7998	0.177	7.246	-	0.924	390.7157	0.807	7.478	-	0.961
379.8797	0.189	-	-	0.929	390.8581	0.828	7.411	-	0.931
380.7869	0.324	7.326	-	0.951	391.7004	0.954	7.137	-	0.834
380.8261	0.330	7.331	-	0.968	391.8522	0.977	7.086	-	0.811
381.7942	0.475	7.478	-	1.001	392.7176	0.106	7.177	-	0.860
381.8735	0.487	7.510	-	1.022	392.8561	0.127	7.182	-	0.880
383.7320	0.764	7.603	-	1.007	393.7157	0.255	7.278	-	0.935
383.8287	0.778	7.538	-	0.989	393.8591	0.276	7.293	-	0.944
383.8790	0.786	7.510	-	0.979	394.7131	0.404	7.415	-	0.985
384.7230	0.912	7.197	-	0.850	394.8499	0.424	7.454	-	1.009
Y Car									
351.8983	0.909	8.332	-	0.780	384.8428	0.961	8.117	0.580	0.699
355.8900	0.006	7.707	-	0.504	384.8686	0.968	8.113	-	0.697
357.8880	0.555	8.278	-	0.788	386.8000	0.499	8.164	0.650	0.740
358.8852	0.829	8.230	-	0.740	386.8675	0.517	8.172	0.663	0.756
359.8788	0.102	7.886	0.509	0.605	387.8572	0.789	8.439	0.754	0.813

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
361.8491	0.643	8.494	-	0.789	388.8163	0.052	7.579	0.361	0.483
361.8792	0.652	8.360	-	0.810	388.8548	0.063	7.579	0.378	0.471
362.8896	0.929	8.159	-	0.656	390.8066	0.599	8.404	0.753	0.830
363.8830	0.202	7.909	-	0.623	390.8509	0.611	8.402	0.751	0.821
379.8726	0.595	8.305	0.735	0.808	391.8013	0.873	8.115	0.582	0.686
380.8312	0.859	8.381	0.667	0.800	391.8454	0.885	8.081	0.570	0.674
381.7982	0.124	7.882	0.493	0.618	392.7785	0.141	7.981	0.542	0.661
381.8665	0.143	7.894	0.512	0.641	392.8496	0.161	7.998	0.550	0.678
383.8320	0.683	8.290	0.683	0.774	393.8047	0.423	8.103	0.615	0.721
383.8710	0.694	8.328	-	0.790	393.8529	0.436	8.111	0.620	0.725
394.7696	0.688	8.265	0.682	0.787	394.8433	0.708	8.270	0.702	0.775
UW Car									
358.8819	0.346	9.442	-	1.259	384.7931	0.193	9.214	-	1.146
359.8717	0.531	9.634	-	1.305	386.7899	0.566	9.672	-	1.310
361.8773	0.906	9.350	-	1.149	387.7944	0.754	9.778	-	1.331
362.8876	0.095	9.088	-	1.067	388.7841	0.939	9.129	-	1.071
363.8779	0.280	9.371	-	1.222	390.7885	0.314	9.383	-	1.228
379.8180	0.262	9.353	-	1.217	391.7775	0.499	9.615	-	1.307
380.8098	0.447	9.572	-	1.302	392.7709	0.685	9.742	1.174	1.322
381.8080	0.634	9.757	-	1.340	393.7815	0.874	9.498	-	1.215
383.8094	0.009	8.948	-	1.007	394.7744	0.060	9.010	-	1.045
UY Car									
358.8840	0.224	8.832	-	0.933	387.7965	0.440	9.049	-	1.016
359.8740	0.403	9.043	-	1.006	388.7867	0.618	9.246	-	1.065
379.8211	0.001	8.560	-	0.761	390.7909	0.980	8.540	-	0.759
380.8122	0.180	8.788	-	0.900	391.7791	0.158	8.743	-	0.889
381.8100	0.360	8.999	-	0.991	392.7727	0.337	8.943	-	0.979
383.8119	0.721	9.288	-	1.064	393.7832	0.520	9.147	-	1.039
384.7955	0.898	8.807	-	0.862	394.7764	0.699	9.299	-	1.081
386.7923	0.259	8.878	-	0.938					
VY Car									
351.8972	0.724	7.690	-	1.328	387.8559	0.626	7.483	-	1.266
352.9008	0.777	7.813	-	1.375	388.8176	0.677	7.608	-	1.312
361.8948	0.253	6.917	-	0.932	388.8538	0.679	7.618	-	1.310
363.8857	0.358	7.043	-	1.032	390.8079	0.782	7.780	-	1.340
379.8701	0.203	7.010	-	0.980	390.8498	0.784	7.782	-	1.337
380.8327	0.254	6.890	-	0.955	391.8025	0.834	7.901	-	1.371
380.8873	0.257	6.908	-	0.962	391.8442	0.837	7.899	-	1.366
381.8655	0.309	6.962	-	0.984	392.7800	0.886	7.944	-	1.371
383.8335	0.413	7.123	-	1.097	392.8483	0.890	7.958	-	1.367
383.8703	0.415	7.141	-	1.095	393.8061	0.940	7.961	-	1.352
384.8440	0.466	7.221	-	1.157	393.8518	0.943	7.969	-	1.365
384.8677	0.468	7.235	-	1.169	394.7709	0.991	7.900	-	1.339
386.8661	0.573	7.429	-	1.248	394.8424	0.995	7.898	-	1.335
CF Car									
379.8440	0.132	12.031	1.234	1.517	388.8058	0.762	12.271	1.329	1.557
380.8649	0.317	12.236	1.356	1.610	390.8172	0.129	12.050	1.244	1.512

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
381.8347	0.494	12.377	1.374	1.637	391.8089	0.309	12.218	1.329	1.591
383.8472	0.860	-	1.185	-	392.8129	0.492	12.323	1.400	1.600
384.8196	0.037	11.976	1.176	1.465	393.8184	0.675	12.427	1.379	1.627
386.8200	0.401	12.303	1.332	1.605	394.8056	0.854	12.047	1.187	1.467
387.8201	0.583	12.399	1.407	1.627					
CN Car									
352.8820	0.817	10.955	-	1.406	383.8012	0.086	10.328	-	1.177
354.8794	0.222	10.515	-	1.289	384.7845	0.285	10.571	-	1.304
355.8874	0.427	10.767	-	1.381	386.7864	0.691	10.946	-	1.422
359.8624	0.232	10.552	-	1.303	387.7864	0.894	10.733	-	1.332
361.8508	0.636	10.934	-	1.430	388.7801	0.095	10.358	-	1.195
362.8834	0.845	10.916	-	1.383	390.7853	0.502	10.813	-	1.403
363.8793	0.047	10.323	-	1.157	391.7713	0.701	10.988	-	1.432
379.8076	0.276	10.605	-	1.317	392.7610	0.902	10.683	-	1.311
380.8032	0.478	10.794	-	1.393	393.7787	0.108	10.377	-	1.205
381.8031	0.681	10.941	-	1.422	394.7720	0.310	10.608	-	1.327
CQ Car									
379.8252	0.505	13.692	1.640	2.227	388.7898	0.191	13.542	1.587	2.111
380.8423	0.696	13.895	1.856	2.301	390.7958	0.568	13.766	1.790	2.241
381.8164	0.879	14.053	1.899	2.317	391.7843	0.754	13.973	1.807	2.338
383.8167	0.256	13.355	1.538	2.036	392.7919	0.943	14.122	1.872	2.352
384.7994	0.440	13.614	1.702	2.193	393.7747	0.128	13.881	1.704	2.246
386.8038	0.817	14.058	1.833	2.344	394.7800	0.317	13.410	1.525	2.082
387.8013	0.005	14.163	1.917	2.366					
ER Car									
352.9040	0.300	6.826	-	0.880	384.8660	0.441	6.945	-	0.947
379.8674	0.793	6.854	-	0.862	386.8638	0.700	7.078	-	0.944
380.8835	0.925	6.596	-	0.764	387.8539	0.828	6.791	-	0.828
381.8631	0.052	6.656	-	0.811	388.8190	0.953	6.551	-	0.750
383.8349	0.307	6.828	-	0.896	388.8519	0.957	6.552	-	0.743
383.8684	0.312	6.866	-	0.890	390.8095	0.211	6.702	-	0.847
384.8457	0.438	6.932	-	0.939	390.8482	0.216	6.699	-	0.849
391.8042	0.340	6.838	-	0.838	393.8502	0.605	7.114	-	0.971
391.8422	0.345	6.841	-	0.841	394.8037	0.729	7.007	-	0.926
392.8456	0.475	6.973	-	0.973	394.8406	0.733	7.007	-	0.925
393.8081	0.600	7.103	-	0.975					
FK Car									
379.8351	0.949	12.932	2.097	2.349	388.7981	0.335	12.015	1.452	1.885
380.8564	0.993	12.959	2.116	2.333	390.8112	0.421	11.990	1.491	1.925
381.8251	0.035	12.982	2.141	2.329	391.7934	0.464	12.069	1.555	1.972
383.8377	0.122	12.961	2.098	2.275	392.8050	0.507	12.126	-	2.026
384.8100	0.163	13.013	1.946	2.292	393.8101	0.550	12.207	1.751	2.086
386.8115	0.249	13.064	1.861	2.291	394.7917	0.593	12.263	1.785	2.132
387.8107	0.292	12.753	1.738	2.174					
FM Car									
379.8488	0.468	13.082	1.414	1.803	388.8209	0.642	13.272	1.505	1.822
380.8675	0.601	13.266	-	1.834	390.8198	0.904	12.935	1.319	1.656

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
381.8393	0.729	13.464	1.414	1.841	391.8127	0.034	12.553	1.155	1.523
383.8509	0.992	12.607	1.235	1.524	392.8161	0.166	12.767	1.281	1.652
384.8249	0.119	12.693	1.240	1.599	393.8219	0.297	12.750	1.303	1.661
386.8254	0.381	12.928	1.356	1.740	394.8083	0.426	13.049	1.439	1.768
387.8244	0.512	13.096	1.511	1.769					
FZ Car									
379.8381	0.121	11.812	-	1.495	388.7998	0.626	12.142	-	1.629
380.8598	0.407	12.077	-	1.608	390.8127	0.189	11.854	-	1.515
381.8281	0.678	12.148	-	1.625	391.7955	0.463	12.099	-	1.623
383.8405	0.240	11.884	-	1.519	392.8067	0.746	12.075	-	1.593
384.8126	0.512	12.122	-	1.611	393.8122	0.027	11.837	-	1.509
386.8134	0.071	11.836	-	1.502	394.7934	0.301	11.937	-	1.560
387.8132	0.350	12.013	-	1.589					
GH Car									
379.8611	0.027	8.993	-	1.052	386.8389	0.245	9.114	-	1.112
380.8769	0.204	9.099	-	1.104	387.8364	0.420	9.219	-	1.187
381.8586	0.375	9.209	-	1.143	388.8334	0.594	9.280	-	1.163
383.8615	0.725	-	-	1.147	390.8300	0.942	8.996	-	1.040
384.8473	0.897	9.038	-	1.052	391.8224	0.116	9.014	-	1.053
392.8342	0.292	9.120	-	1.102	394.8278	0.641	9.268	-	1.158
393.8421	0.468	9.237	-	1.167					
GI Car									
379.8623	0.211	8.193	-	0.813	388.8501	0.239	8.230	-	0.828
380.8784	0.440	8.411	-	0.902	390.8459	0.690	8.438	-	0.900
381.8602	0.662	8.473	-	0.908	391.8356	0.913	8.260	-	0.824
383.8627	0.114	-	-	0.770	392.8423	0.140	8.142	-	0.778
384.8485	0.336	8.311	-	0.870	393.8465	0.367	8.335	-	0.869
386.8404	0.786	8.397	-	0.884	394.8328	0.590	8.444	-	0.910
387.8510	0.014	8.125	-	0.767					
GS Car									
379.8592	0.493	12.471	0.978	1.314	388.8315	0.706	12.710	1.114	1.381
381.8559	0.986	12.912	1.218	1.404	390.8279	0.198	12.613	1.055	1.270
383.8597	0.480	-	1.054	1.230	391.8210	0.443	12.395	0.973	1.244
384.8358	0.721	12.711	1.139	1.354	392.8259	0.691	12.672	1.135	1.350
386.8364	0.214	12.562	0.996	1.257	393.8309	0.939	12.881	1.182	1.426
387.8350	0.460	12.426	0.979	1.260	394.8190	0.183	12.693	1.051	1.327
GX Car									
351.8805	0.433	9.445	-	1.284	381.8006	0.590	9.589	-	1.321
352.8766	0.571	9.596	-	1.326	383.7994	0.868	9.444	-	1.216
354.8652	0.848	9.551	-	1.256	384.7772	0.004	8.950	-	1.027
355.8764	0.988	9.007	-	1.033	386.7822	0.283	9.202	-	1.190
357.8836	0.267	9.212	-	1.190	387.7826	0.422	9.383	-	1.268
358.8666	0.404	9.344	-	1.255	388.7763	0.560	9.538	-	1.315
359.8582	0.541	9.551	-	1.328	390.7785	0.838	9.576	-	1.273
361.8486	0.818	9.654	-	1.295	391.7587	0.974	9.040	-	1.078
362.8478	0.957	9.109	-	1.076	392.7591	0.113	9.037	-	1.100
363.8488	0.096	9.049	-	1.085	393.7659	0.253	9.207	-	1.197

Table 1. Continued

<i>JD Hel</i> 2450000+	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> 2450000+	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
379.8052	0.313	9.205	-	1.179	394.7611	0.391	9.299	-	1.247
380.8008	0.452	9.454	-	1.288					
GZ Car									
352.8838	0.746	10.272	-	1.197	358.8783	0.188	10.130	-	1.164
354.8810	0.227	10.287	-	1.240	359.8679	0.426	10.276	1.045	1.228
355.8881	0.469	10.376	-	1.241	361.8522	0.903	10.032	0.853	1.093
362.8855	0.151	10.155	0.958	1.188	387.7849	0.138	10.156	0.952	1.177
363.8807	0.390	10.395	1.081	1.269	388.7783	0.377	10.216	1.019	1.204
379.8091	0.220	10.142	0.938	1.163	390.7808	0.858	10.139	0.932	1.158
380.8049	0.460	10.332	1.066	1.257	391.7756	0.098	10.068	0.890	1.151
381.8047	0.700	10.418	1.024	1.257	392.7687	0.336	10.298	1.063	1.255
383.8029	0.181	10.187	0.989	1.207	393.7797	0.579	10.421	1.059	1.284
384.7830	0.416	10.370	1.069	1.266	394.7733	0.818	10.076	0.898	1.120
386.7845	0.898	10.172	0.942	1.175					
HS Car									
358.8804	0.879	12.582	-	1.825	387.7925	0.557	12.633	1.565	1.905
359.8705	0.074	12.056	-	1.641	388.7818	0.751	12.765	1.599	1.923
379.8160	0.991	12.105	-	1.631	390.7868	0.145	12.160	1.328	1.704
380.8076	0.185	12.200	1.348	1.740	391.7732	0.339	12.425	1.455	1.835
381.8066	0.382	12.443	-	1.834	392.7869	0.538	12.606	1.529	1.901
383.8066	0.774	12.753	1.605	1.913	393.7871	0.734	12.764	1.581	1.922
384.7865	0.967	12.190	1.317	1.688	394.7835	0.930	12.358	1.349	1.762
386.7879	0.360	12.416	1.486	1.817					
GW Car									
379.8226	0.295	8.986	0.971	1.054	388.7877	0.270	8.962	0.961	1.068
380.8385	0.406	9.081	1.013	1.135	390.7922	0.488	9.127	1.096	1.139
381.8124	0.512	9.177	1.101	1.152	391.7797	0.595	9.254	-	1.171
383.8135	0.729	9.272	1.107	1.165	392.7831	0.704	9.284	1.136	1.168
384.7967	0.836	9.216	-	1.144	393.7845	0.813	9.241	1.064	1.161
386.7936	0.053	9.038	-	1.052	394.7777	0.921	9.138	0.979	1.118
387.7979	0.162	8.970	0.923	1.056					
IK Car									
379.8307	0.685	14.366	1.188	1.477	388.7940	0.442	14.101	1.173	1.410
380.8493	0.884	13.914	0.974	1.272	390.8000	0.835	14.219	1.113	1.389
381.8212	0.075	13.733	0.912	1.266	391.7901	0.029	13.696	0.836	1.236
384.8051	0.660	14.319	1.235	1.450	392.8007	0.227	13.920	1.047	1.349
386.8080	0.052	13.702	0.899	1.191	393.7926	0.421	14.125	1.119	1.406
387.8070	0.248	13.937	1.075	1.367	394.7880	0.616	14.286	1.201	1.481
IM Car									
379.8407	0.845	11.736	1.126	1.440	380.8621	0.036	11.805	1.195	1.504
381.8313	0.218	11.966	1.339	1.585	390.8148	0.901	11.652	1.128	1.402
383.8436	0.595	12.277	-	1.646	391.8064	0.087	11.823	1.247	1.516
384.8158	0.777	11.969	1.240	1.529	392.8100	0.275	12.016	1.357	1.604
386.8160	0.152	11.919	1.268	1.563	393.8149	0.464	12.175	1.413	1.642
387.8161	0.339	12.083	1.367	1.627	394.7957	0.647	12.271	1.376	1.671
388.8026	0.524	12.221	1.417	1.643					

Table 1. Continued

<i>JD Hel</i> 2450000+	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> 2450000+	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
IP Car									
379.8539	0.335	14.434	1.327	1.643	388.8266	0.594	14.597	1.324	1.673
381.8419	0.614	14.611	-	1.681	390.8248	0.875	13.873	1.097	1.404
383.8564	0.897	13.877	1.045	1.415	391.8169	0.014	14.112	1.171	1.528
384.8301	0.033	14.129	1.234	1.550	392.8212	0.155	14.228	1.311	1.598
386.8315	0.314	14.390	-	1.626	393.8256	0.296	14.356	1.341	1.607
387.8296	0.454	14.526	1.363	1.633	394.8133	0.435	14.559	1.340	1.717
V397 Car									
352.8785	0.822	8.271	-	0.823	381.8024	0.839	8.260	-	0.820
354.8711	0.787	8.302	-	0.827	383.8009	0.807	8.263	-	0.819
355.8776	0.275	8.322	-	0.831	384.7822	0.283	8.304	-	0.850
357.8857	0.248	8.296	-	0.857	386.7835	0.253	8.291	-	0.828
358.8678	0.724	8.352	-	0.869	387.7842	0.738	8.335	-	0.863
359.8596	0.205	8.278	-	0.834	388.7776	0.219	8.267	-	0.844
361.8507	0.170	8.263	-	0.809	390.7800	0.189	8.250	-	0.834
362.8563	0.657	8.396	0.802	0.865	391.7595	0.664	8.393	-	0.874
363.8533	0.140	8.234	-	0.811	392.7605	0.149	8.223	-	0.823
379.8068	0.872	8.243	-	0.795	393.7670	0.637	8.387	-	0.883
380.8023	0.354	8.355	-	0.887	394.7623	0.119	8.201	-	0.804
V Cen									
350.5462	0.856	7.153	-	1.155	358.4817	0.300	6.789	-	1.056
351.4938	0.028	6.429	-	0.848	358.5520	0.313	6.798	-	1.062
352.5490	0.220	-	-	1.024	359.4828	0.483	6.943	-	1.115
353.4810	0.390	6.885	-	1.104	360.4824	0.665	7.157	-	1.169
354.4973	0.575	7.084	-	1.159	361.4831	0.847	7.119	-	1.159
355.4820	0.754	7.216	-	1.176	362.4809	0.028	6.420	-	0.853
357.4813	0.118	6.529	-	0.922	363.4838	0.211	6.665	-	0.993
357.5443	0.130	6.557	-	0.972	379.4941	0.125	6.521	-	0.965
UZ Cen									
384.8559	0.803	9.010	0.849	0.996	391.8333	0.895	8.854	0.776	0.914
386.8491	0.401	8.834	0.846	0.964	392.8365	0.196	8.466	0.643	0.796
387.8485	0.700	9.083	0.911	1.025	393.8443	0.499	8.897	0.861	0.990
388.8463	1.000	8.373	-	0.732	394.8305	0.794	9.086	0.890	1.010
390.8388	0.597	8.932	0.862	0.973					
XX Cen									
351.4960	0.534	8.220	-	1.228	359.4849	0.263	7.914	-	1.171
353.4835	0.715	7.828	-	1.053	360.4868	0.354	8.094	-	1.242
354.4982	0.808	7.704	-	1.007	361.4864	0.446	8.263	-	1.310
355.4837	0.898	7.378	-	0.901	362.4837	0.537	8.205	-	1.234
357.4830	0.080	7.646	-	1.064	363.4878	0.628	8.069	-	1.140
358.4869	0.172	7.772	-	1.119					
AZ Cen									
379.8634	0.280	8.751	-	0.851	388.8485	0.077	8.641	-	0.817
380.8802	0.597	8.572	-	0.782	390.8410	0.697	8.453	-	0.720
381.8609	0.902	8.515	-	0.757	391.8341	0.007	8.583	-	0.795
384.8495	0.832	8.438	-	0.736	392.8410	0.320	8.765	-	0.846

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
386.8416	0.452	8.713	-	0.831	393.8452	0.633	8.516	-	0.766
387.8501	0.766	8.438	-	0.731	394.8313	0.940	8.524	-	0.773
BK Cen									
384.8629	0.456	10.350	0.997	1.156	391.8318	0.652	10.461	1.018	1.162
387.8471	0.396	10.194	0.914	1.073	392.8351	0.968	9.705	0.672	0.862
388.8447	0.711	10.287	0.940	1.100	393.8430	0.285	10.207	0.932	1.097
390.8372	0.338	10.096	0.895	1.052	394.8292	0.596	10.310	0.935	1.107
IU Cen									
348.5257	0.938	12.541	0.667	0.915	358.5083	0.945	12.539	0.656	0.896
351.5267	0.842	13.330	0.950	1.175	359.5030	0.245	12.610	0.825	1.073
352.5442	0.148	12.546	-	1.001	360.5048	0.547	13.114	1.012	1.254
353.5019	0.437	12.924	0.942	1.174	361.5076	0.849	13.281	0.912	1.221
354.5155	0.742	13.492	1.093	1.344	362.5034	0.149	12.515	0.754	1.005
355.5005	0.039	12.398	0.678	0.881	363.5071	0.451	12.961	1.002	1.208
357.5023	0.642	13.227	1.016	1.270					
IZ Cen									
386.8596	0.814	13.104	-	2.312	387.8408	0.980	12.720	1.769	2.157
388.8384	0.149	12.613	1.706	2.151	392.8309	0.827	13.083	1.929	2.303
390.8341	0.488	12.900	1.902	2.283	393.8361	0.998	12.668	1.704	2.153
391.8282	0.657	13.039	1.926	2.307	394.8247	0.165	12.615	1.710	2.151
LV Cen									
384.8530	0.174	12.828	1.545	1.992	391.8246	0.575	12.312	1.399	1.800
386.8461	0.574	12.312	1.414	1.808	392.8285	0.777	12.503	1.601	1.876
387.8386	0.774	12.528	1.554	1.908	393.8334	0.979	12.679	1.622	1.953
388.8357	0.974	12.681	1.628	1.949	394.8212	0.177	12.790	1.614	1.955
390.8316	0.376	12.349	1.383	1.795					
V381 Cen									
348.5234	0.427	7.756	0.891	0.959	359.4837	0.585	7.891	-	0.984
351.4944	0.012	7.326	-	0.714	360.4840	0.782	7.958	-	0.965
353.4821	0.403	7.744	-	0.966	361.4844	0.979	7.409	-	0.803
355.4827	0.797	7.981	-	0.985	362.4824	0.175	7.475	-	0.816
357.4821	0.191	7.480	-	0.841	363.4851	0.373	7.734	-	0.947
358.4843	0.388	7.718	-	0.937					
V419 Cen									
379.8646	0.732	8.254	-	0.897	388.8473	0.363	8.216	-	0.875
380.8815	0.917	8.053	-	0.811	390.8396	0.725	8.268	-	0.885
381.8619	0.095	8.065	-	0.807	391.8349	0.906	8.038	-	0.789
384.8508	0.638	8.295	-	0.913	392.8427	0.089	8.028	-	0.782
386.8429	0.999	8.011	-	0.791	393.8479	0.271	8.158	-	0.865
387.8489	0.182	8.092	-	0.835	394.8381	0.451	8.260	-	0.896
V553 Cen									
348.5057	0.671	8.589	0.716	0.733	358.5006	0.522	8.728	-	0.791
351.5323	0.140	8.301	-	0.695	359.4973	0.006	8.221	-	0.621
353.5044	0.097	8.261	-	0.663	360.4991	0.492	8.703	-	0.793
354.5172	0.589	8.714	-	0.776	361.5003	0.978	8.275	-	0.653

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
355.5146	0.073	8.227	-	0.637	362.4977	0.462	8.671	-	0.793
357.4959	0.034	8.202	-	0.640	363.5017	0.949	8.295	-	0.615
V659 Cen									
351.4972	0.275	6.505	-	0.820	355.4847	0.984	6.694	-	0.890
353.4848	0.628	6.678	-	0.905	357.4845	0.340	6.488	-	0.833
354.4993	0.809	6.752	-	0.926	358.4857	0.518	6.605	-	0.888
359.4862	0.696	6.681	-	0.902	362.4851	0.229	6.513	-	0.831
360.4888	0.874	6.742	-	0.945	363.4868	0.408	6.545	-	0.819
361.4878	0.052	6.670	-	0.890					
V737 Cen									
351.4929	0.422	6.781	-	1.062	358.5533	0.421	6.782	-	1.051
352.5504	0.572	6.919	-	1.108	359.4821	0.553	6.851	-	1.079
353.4798	0.703	6.913	-	1.084	360.4805	0.694	6.917	-	1.077
354.4960	0.847	6.777	-	1.011	361.4828	0.836	6.796	-	1.071
355.4808	0.987	6.564	-	0.942	362.4801	0.977	6.593	-	0.967
357.4808	0.270	6.663	-	1.018	363.4831	0.119	6.583	-	0.959
357.5456	0.279	6.646	-	0.995	363.5538	0.129	6.595	-	0.972
358.4832	0.412	6.761	-	1.057	379.4930	0.385	6.713	-	1.070
AV Cir									
351.5355	0.509	7.561	-	1.126	362.5013	0.086	7.265	-	0.988
352.5489	0.839	-	-	1.060	363.5048	0.414	7.492	-	1.091
353.5083	0.152	7.318	-	1.012	379.4967	0.631	7.536	-	1.126
354.5201	0.482	7.532	-	1.105	380.4943	0.957	7.307	-	1.046
355.5176	0.808	7.467	-	1.066	381.4952	0.283	7.338	-	1.033
357.4996	0.455	7.489	-	1.092	382.4981	0.610	7.537	-	1.112
358.5057	0.783	7.486	-	1.067	383.5009	0.938	7.336	-	1.028
359.5007	0.107	7.263	-	0.994	385.5020	0.590	7.579	-	1.103
360.5021	0.434	7.502	-	1.110	386.5081	0.919	7.281	-	0.995
361.5036	0.761	7.524	-	1.090	387.5059	0.244	7.386	-	1.043
AX Cir									
349.5781	0.081	5.719	-	0.845	359.5584	0.974	5.675	-	0.797
351.4906	0.444	5.984	-	0.941	360.4764	0.148	5.762	-	0.861
352.5527	0.645	6.124	-	0.971	360.5546	0.163	5.772	-	0.875
353.4783	0.821	5.969	-	0.903	361.4793	0.338	5.909	-	0.918
355.4784	0.200	5.803	-	0.881	361.5592	0.353	5.943	-	0.952
357.4779	0.579	6.048	-	0.942	362.4780	0.528	6.040	-	0.963
357.5476	0.593	6.070	-	0.979	362.5677	0.545	6.027	-	0.961
358.4781	0.769	6.062	-	0.921	363.4805	0.718	6.108	-	0.944
358.5564	0.784	6.051	-	0.913	363.5561	0.732	6.094	-	0.952
359.4791	0.959	5.697	-	0.811	379.4892	0.753	6.069	-	0.973
380.4890	0.943	5.733	-	0.840	382.4960	0.324	5.876	-	0.913
380.4900	0.943	5.759	-	0.867	383.4936	0.513	6.028	-	0.944
380.4905	0.943	5.773	-	0.845	385.4942	0.892	-	-	0.881
381.4913	0.133	5.758	-	0.880	386.4984	0.083	5.690	-	0.849
BP Cir									
349.5749	0.576	7.553	-	0.902	361.4805	0.540	7.605	-	0.937
351.4912	0.375	7.708	-	0.955	361.5581	0.572	7.563	-	0.923

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
353.4788	0.204	7.642	-	0.952	362.4788	0.956	7.471	-	0.885
354.4945	0.627	-	-	0.922	363.4815	0.374	7.712	-	0.956
355.4793	0.038	7.537	-	0.908	363.5547	0.405	7.689	-	0.958
357.4790	0.872	7.413	-	0.864	379.4911	0.049	7.526	-	0.927
357.5466	0.900	7.429	-	0.873	380.4923	0.467	7.664	-	0.959
358.4810	0.289	7.696	-	0.960	381.4930	0.884	7.404	-	0.862
358.5552	0.320	7.705	-	0.952	382.4964	0.303	7.659	-	0.962
359.4803	0.706	7.393	-	0.836	383.4945	0.719	7.400	-	0.818
359.5572	0.738	7.380	-	0.844	385.4951	0.553	-	-	0.941
360.4785	0.122	7.578	-	0.934	386.4994	0.972	7.442	-	0.905
360.5537	0.154	7.601	-	0.960					
AL CrA									
348.6177	0.394	12.429	1.243	1.272	359.6634	0.042	11.472	-	0.986
351.5926	0.568	12.290	0.903	1.106	361.6059	0.155	11.630	1.011	1.066
352.6425	0.630	12.190	0.792	1.028	362.5803	0.213	11.769	-	1.127
353.5597	0.684	12.117	0.801	0.985	363.5792	0.271	11.939	-	1.184
354.5938	0.744	11.899	0.706	0.905	379.5872	0.209	11.736	-	1.129
355.5703	0.802	11.631	0.652	0.861	380.6063	0.269	12.011	-	1.188
355.6292	0.805	11.637	0.714	0.841	381.5958	0.327	12.250	-	1.241
357.5821	0.920	11.490	0.770	0.934	383.5885	0.444	12.570	-	1.256
358.5835	0.978	11.451	-	0.976	384.5831	0.502	12.477	-	1.206
358.6703	0.983	11.473	-	0.976	386.5499	0.618	12.247	-	1.033
359.5718	0.036	11.457	-	1.004					
BE CrA									
351.6011	0.623	13.716	0.516	0.775	354.6174	0.527	13.570	0.468	0.664
352.6692	0.944	14.252	0.742	0.841	355.5826	0.817	13.994	0.626	0.837
353.5731	0.214	13.581	0.351	0.500	355.6400	0.834	14.047	0.648	0.832
357.5897	0.418	13.406	0.375	0.569	381.6035	0.616	13.644	0.544	0.649
358.5963	0.720	13.841	0.582	0.766	382.5903	0.911	14.091	0.710	0.841
358.6853	0.747	13.900	0.598	0.785	383.5945	0.212	13.610	0.346	0.528
359.5839	0.016	14.265	0.676	0.851	384.5925	0.511	13.547	0.496	0.644
359.6758	0.044	14.348	0.624	0.867	386.5835	0.108	14.166	-	0.792
361.6168	0.625	13.703	0.527	0.700	389.5429	0.995	14.283	0.652	0.871
362.6334	0.930	14.186	0.664	0.875	392.5333	0.891	14.090	0.654	0.846
363.6133	0.224	13.474	0.334	0.464	392.5734	0.903	14.123	0.658	0.840
379.5980	0.015	14.262	0.734	0.914	393.5345	0.192	13.810	0.412	0.602
380.6138	0.319	13.355	0.344	0.515	393.5660	0.201	13.728	0.422	0.602
BQ CrA									
348.6373	0.967	12.885	0.128	0.223	361.6118	0.473	13.970	0.465	0.689
351.5954	0.590	14.045	0.547	0.697	362.6275	0.373	13.834	0.433	0.657
352.6460	0.522	14.057	0.514	0.748	363.6093	0.244	13.615	0.399	0.591
353.5668	0.338	13.828	0.393	0.642	379.5918	0.417	13.881	-	-
354.6019	0.256	13.648	0.361	0.595	380.6107	0.321	13.806	0.399	0.642
355.5778	0.122	13.402	0.269	0.469	381.5987	0.197	13.574	0.273	0.546
355.6364	0.174	13.510	0.345	0.521	383.5917	0.964	12.850	0.177	0.195
357.5865	0.903	13.387	0.307	0.401	384.5867	0.847	14.141	0.468	0.654
358.5915	0.794	14.141	0.489	0.678	390.5377	0.124	13.386	0.273	0.462
358.6802	0.873	13.952	0.448	0.631	391.5372	0.010	13.024	0.178	0.304

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
359.5783	0.669	14.097	0.460	0.702	392.5361	0.896	13.546	0.345	0.461
359.6691	0.750	14.102	0.464	0.719					
HQ CrA									
348.6090	0.911	15.248	0.805	0.915	363.5931	0.501	14.317	0.386	0.514
351.5844	0.014	15.094	0.597	0.901	379.5631	0.788	14.973	0.588	0.749
353.5545	0.406	14.232	0.325	0.448	380.5989	0.520	14.523	0.258	0.449
354.5794	0.131	15.163	0.565	0.767	381.5906	0.221	14.774	0.530	0.466
355.5595	0.823	15.050	0.550	0.775	382.5632	0.908	14.992	0.698	0.556
357.5775	0.250	14.565	0.425	0.576	383.5838	0.629	14.729	0.544	0.573
358.5771	0.956	15.243	0.569	0.781	384.5755	0.330	14.316	0.502	0.441
359.5413	0.637	14.854	0.535	0.656	386.5792	0.746	14.879	0.482	0.778
361.5786	0.077	15.132	0.572	0.784	387.5717	0.448	14.168	0.342	0.444
362.6178	0.812	14.911	0.610	0.754	388.5660	0.150	14.917	0.498	0.522
389.5625	0.855	14.939	0.653	0.717	392.5570	0.971	15.085	0.669	0.721
390.5551	0.556	14.504	0.432	0.560	393.5528	0.675	14.988	-	0.745
391.5544	0.262	14.572	0.344	0.480					
KQ CrA									
348.6022	0.350	12.589	0.876	1.097	379.5564	0.353	12.450	-	1.001
351.5792	0.446	12.312	0.812	1.043	380.5893	0.386	12.342	-	0.968
352.6216	0.480	12.242	0.793	1.069	381.5845	0.419	12.206	-	0.958
353.5484	0.510	12.106	0.833	1.007	382.5546	0.450	12.221	-	0.956
354.5694	0.543	12.082	0.835	1.066	383.5778	0.483	12.148	-	0.989
355.5526	0.575	12.045	0.838	1.038	384.5559	0.515	12.191	-	1.043
355.6221	0.577	12.018	0.830	1.063	386.5459	0.579	12.159	-	1.092
357.5692	0.640	11.966	0.855	1.086	387.5668	0.612	12.080	-	1.091
358.5692	0.673	11.984	-	1.085	388.5443	0.644	12.065	-	1.112
359.5346	0.704	11.983	-	1.090	389.5558	0.677	12.059	-	1.121
360.5691	0.738	12.096	-	1.108	390.5393	0.709	12.042	-	1.130
361.5708	0.770	12.051	0.889	1.114	391.5385	0.741	12.082	-	1.122
362.5787	0.803	12.108	-	1.143	392.5391	0.773	12.105	-	1.153
363.5776	0.835	12.148	-	1.150	393.5472	0.806	12.150	-	1.147
V347 CrA									
348.6152	0.760	12.558	0.759	0.949	380.6042	0.844	12.306	-	0.886
351.5892	0.954	12.226	0.801	0.944	381.5941	0.909	12.254	-	0.951
352.6397	0.022	12.263	0.780	1.020	382.5796	0.973	-	-	0.988
353.5630	0.082	12.269	0.914	1.022	383.5871	0.039	12.184	-	0.995
354.5973	0.150	12.348	0.956	1.064	384.5593	0.102	12.318	-	1.004
355.5734	0.213	12.485	0.995	1.122	386.5479	0.232	12.547	-	1.109
355.6328	0.217	12.499	1.023	1.105	387.5680	0.298	12.826	-	1.221
357.5837	0.344	12.983	1.167	1.221	388.5462	0.362	13.012	-	1.240
358.5849	0.410	13.161	-	1.255	389.5574	0.428	13.198	-	1.177
359.5736	0.474	13.119	-	1.183	390.5411	0.492	13.166	-	1.193
361.6088	0.607	12.858	-	1.062	391.5403	0.557	12.975	-	1.081
362.5822	0.670	12.877	-	1.022	392.5519	0.623	12.894	-	1.021
363.5804	0.735	12.700	-	0.938	393.5488	0.688	12.805	-	0.984
379.5707	0.777	12.514	-	0.919					
V449 CrA									
351.6059	0.534	14.340	1.064	1.087	362.6398	0.203	13.421	0.970	0.916
352.6839	0.600	14.464	0.788	1.221	363.6169	0.263	13.540	1.011	0.967

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
353.5781	0.654	13.930	0.718	0.852	379.6070	0.232	13.461	0.930	0.975
354.6210	0.717	13.424	0.507	0.680	380.6170	0.293	13.714	1.062	1.040
355.5863	0.776	13.075	0.418	0.592	381.6067	0.353	13.875	1.078	1.032
355.6431	0.779	13.050	0.433	0.534	382.5981	0.413	14.044	1.220	1.005
357.5928	0.897	13.013	0.515	0.678	383.5996	0.474	14.182	1.228	0.989
358.6194	0.960	13.262	0.700	0.826	384.5994	0.535	14.283	0.994	1.068
358.6901	0.964	13.267	0.749	0.841	386.5959	0.656	13.906	0.644	0.825
359.5905	0.018	13.326	0.828	0.876	387.5754	0.715	13.419	0.493	0.662
359.6860	0.024	13.357	0.820	0.889	388.5708	0.775	13.104	0.389	0.605
361.6316	0.142	13.362	0.917	0.928	389.5670	0.836	12.816	0.391	0.506
T Mon									
379.7246	0.041	5.636	-	0.929	388.7384	0.374	6.157	-	1.225
380.7213	0.077	5.694	-	0.977	389.7370	0.411	6.215	-	1.243
381.7158	0.114	5.754	-	1.016	390.7261	0.448	6.284	-	1.264
382.7214	0.151	5.820	-	1.060	391.7073	0.484	6.379	-	1.289
383.7152	0.188	5.891	-	1.084	392.7046	0.521	6.394	-	1.280
384.7143	0.225	5.924	-	1.137	393.6993	0.558	6.461	-	1.292
386.7048	0.299	6.003	-	1.172	394.7020	0.595	6.510	-	1.302
387.7144	0.336	6.099	-	1.201					
SV Mon									
379.7229	0.317	8.107	-	1.121	388.7369	0.908	8.458	-	1.152
380.7192	0.382	8.223	-	1.220	389.7357	0.974	8.329	-	1.078
381.7140	0.447	8.327	-	1.234	390.7241	0.039	7.717	-	0.857
382.7196	0.513	8.440	-	1.264	391.7061	0.103	7.782	-	0.924
383.7089	0.578	8.591	-	1.303	392.7041	0.169	7.865	-	0.992
384.7100	0.644	8.680	-	1.331	393.6984	0.234	7.976	-	1.072
386.7001	0.775	8.697	-	1.287	394.7007	0.300	8.057	-	1.114
387.7127	0.841	8.580	-	1.237					
UY Mon									
380.8199	0.695	9.549	-	0.737	384.8453	0.374	9.327	-	0.648
381.7659	0.090	9.171	-	0.570	386.7800	0.180	9.197	-	0.569
383.7611	0.922	9.394	-	0.663	387.7818	0.598	9.515	-	0.728
387.8732	0.636	9.540	-	0.738	391.8628	0.300	9.232	-	0.606
388.7397	0.998	9.274	-	0.617	392.7367	0.664	9.576	-	0.739
388.8736	0.053	9.207	-	0.589	392.8661	0.718	9.573	-	0.742
389.7583	0.422	9.359	-	0.667	393.7396	0.082	9.194	-	0.594
390.7364	0.830	9.533	-	0.722	393.8714	0.137	9.207	4.257	0.578
390.8681	0.885	9.467	-	0.688	394.7453	0.502	9.425	-	0.693
391.7343	0.246	9.209	-	0.593	394.8600	0.550	9.483	-	0.726
V526 Mon									
380.8182	0.463	8.709	-	0.780	390.7342	0.170	8.526	-	0.704
381.7643	0.817	8.564	-	0.708	390.8696	0.220	8.563	-	0.721
383.7594	0.562	8.736	-	0.801	391.7128	0.536	8.778	-	0.792
384.8430	0.967	8.483	-	0.680	391.8644	0.592	8.746	-	0.788
386.7783	0.691	8.743	-	0.761	392.7356	0.918	8.519	-	0.686
387.7802	0.065	8.479	-	0.691	392.8676	0.967	8.472	-	0.669
387.8747	0.101	8.466	-	0.672	393.7135	0.283	8.612	-	0.745

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
388.7380	0.423	8.708	-	0.786	393.8728	0.343	8.669	-	0.761
388.8749	0.475	8.731	-	0.787	394.7438	0.669	8.715	-	0.778
389.7567	0.804	8.594	-	0.722	394.8607	0.712	8.695	-	0.769
S Mus									
379.8665	0.517	6.326	-	1.025	390.8475	0.654	6.405	-	1.019
384.8649	0.034	5.971	-	0.865	391.8416	0.757	6.319	-	0.981
386.8627	0.241	5.985	-	0.911	392.8444	0.860	6.101	-	0.884
387.8528	0.344	6.119	-	0.974	393.8495	0.964	5.944	-	0.849
388.8511	0.447	6.225	-	0.997	394.8397	0.067	5.953	-	0.860
S Nor									
349.5837	0.049	-	-	0.889	358.4709	0.960	6.263	-	0.916
351.4856	0.244	6.385	-	1.023	358.5607	0.969	6.245	-	0.912
352.5746	0.355	6.569	-	1.090	359.4747	0.063	6.117	-	0.888
353.4741	0.448	6.688	-	1.118	359.5618	0.072	6.136	-	0.900
354.5604	0.559	6.771	-	1.110	360.4723	0.165	6.296	-	0.983
355.4731	0.653	6.670	-	1.084	360.5588	0.174	6.282	-	0.989
355.5928	0.665	6.645	-	1.042	361.4760	0.268	6.406	-	1.043
357.4722	0.858	6.306	-	0.921	361.5641	0.277	6.427	-	1.035
357.5515	0.866	6.297	-	0.919	362.4744	0.370	6.583	-	1.097
362.5728	0.380	6.575	-	1.084	385.4891	0.730	-	-	0.990
363.4761	0.473	6.715	-	1.103	386.4926	0.833	6.306	-	0.929
379.4860	0.114	6.225	-	0.959	388.4894	0.037	6.128	-	0.891
380.4832	0.217	6.355	-	1.014	389.4889	0.140	6.295	-	0.966
381.4856	0.319	6.510	-	1.087	390.4907	0.243	6.367	-	1.001
382.4907	0.422	6.652	-	1.100	391.4896	0.345	6.545	-	1.064
383.4885	0.525	6.802	-	1.130	392.4898	0.448	6.680	-	1.107
384.5305	0.632	6.727	-	1.114	393.4913	0.550	6.820	-	1.142
SY Nor									
351.5428	0.297	9.455	-	1.635	363.5292	0.245	9.357	-	1.591
352.5606	0.378	9.588	-	1.672	379.5071	0.509	9.789	-	1.728
353.5173	0.454	9.701	-	1.689	380.4972	0.587	9.891	-	1.732
354.5270	0.533	9.818	-	1.707	381.4981	0.666	9.892	-	1.710
355.5218	0.612	9.897	-	1.704	382.4996	0.746	9.763	-	1.656
357.5210	0.770	9.703	-	1.641	383.5029	0.825	9.623	-	1.610
358.5241	0.850	9.605	-	1.601	385.5049	0.983	9.259	-	1.410
359.5188	0.928	9.465	-	1.544	386.5102	0.063	9.066	-	1.467
360.5245	0.008	9.008	-	1.382	387.5090	0.142	9.209	-	1.498
361.5311	0.087	9.138	-	1.468	388.5106	0.221	9.303	-	1.580
362.5279	0.166	9.243	-	1.549					
AA Nor									
348.5500	0.552	13.245	1.078	1.371	379.5030	0.079	14.277	1.399	1.670
351.5388	0.796	13.737	1.410	1.579	380.5054	0.161	14.360	1.544	1.605
352.5581	0.879	13.868	-	1.630	381.5031	0.242	14.074	1.458	1.476
353.5133	0.957	13.902	1.549	1.603	382.5087	0.324	13.701	1.077	1.400
354.5232	0.040	14.225	1.479	1.738	383.5071	0.406	13.314	1.031	1.270
355.5049	0.120	14.343	1.479	1.640	386.5147	0.651	13.489	1.345	1.498
357.5083	0.283	13.864	1.170	1.426	388.5165	0.815	13.768	1.463	1.594

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
358.5137	0.365	13.443	1.048	1.310	389.5121	0.896	13.867	1.446	1.575
359.5073	0.447	13.192	0.997	1.268	390.5099	0.977	14.007	1.520	1.632
360.5112	0.529	13.193	1.077	1.347	391.5097	0.059	14.220	1.501	1.622
361.5140	0.610	13.396	1.203	1.444	392.5079	0.141	14.409	1.753	1.658
362.5082	0.692	13.600	1.324	1.533	393.5101	0.222	14.157	1.314	1.531
363.5113	0.773	13.713	1.418	1.552					
GU Nor									
348.5627	0.175	10.150	1.203	1.516	361.5446	0.935	10.318	-	1.526
351.5546	0.042	10.057	1.130	1.425	362.5480	0.226	10.223	-	1.538
352.5705	0.336	10.357	1.302	1.590	363.5400	0.513	10.486	1.401	1.624
353.5215	0.611	10.560	-	1.653	379.5351	0.145	10.113	1.192	1.487
354.5342	0.905	10.401	1.279	1.561	380.5339	0.434	10.476	-	1.635
355.5197	0.190	10.177	1.213	1.506	381.5129	0.718	10.599	-	1.667
357.5184	0.769	10.570	1.376	1.632	382.5146	0.008	10.064	1.148	1.432
357.5704	0.784	10.580	1.390	1.633	383.5133	0.297	10.329	1.303	1.575
358.5385	0.064	10.057	-	1.431	386.5202	0.168	10.120	1.219	1.479
359.5290	0.351	10.348	-	1.574	387.5143	0.456	10.491	1.367	1.629
360.5358	0.643	10.582	-	1.656	388.5195	0.747	10.567	-	1.628
II Nor									
379.5420	0.355	14.762	1.811	2.081	382.5240	0.481	15.300	-	2.241
380.5405	0.397	14.888	1.889	2.061	383.5194	0.524	15.193	1.969	2.160
381.5182	0.439	15.118	-	2.204					
QZ Nor									
348.5612	0.129	8.749	0.857	0.973	379.5335	0.309	8.910	-	1.046
351.5528	0.919	8.766	0.826	0.956	380.5325	0.573	9.024	-	1.088
352.5728	0.189	8.818	-	0.995	381.5123	0.832	8.802	-	0.962
353.5221	0.439	8.999	-	1.068	382.5161	0.097	8.729	-	0.962
354.5361	0.707	8.939	-	1.019	383.5147	0.360	8.956	-	1.044
355.5235	0.968	8.727	-	0.944	384.5266	0.628	8.998	-	1.070
357.5224	0.496	8.996	-	1.060	386.5220	0.155	8.754	-	0.999
358.5258	0.761	8.882	-	1.000	387.5164	0.417	9.022	-	1.056
359.5199	0.023	8.717	-	0.945	388.5209	0.683	8.934	-	1.032
360.5255	0.289	8.901	-	1.012	389.5192	0.946	8.734	-	0.936
361.5324	0.555	9.028	-	1.061	390.5138	0.209	8.823	-	0.999
362.5290	0.818	8.841	-	0.988	391.5134	0.473	9.014	-	1.066
363.5306	0.083	8.734	-	0.944					
DF Ori									
355.8759	0.176	13.048	1.195	1.517	362.8733	0.376	13.400	1.370	1.724
357.8685	0.802	13.780	1.442	1.869	363.8704	0.689	13.719	1.513	1.846
358.8595	0.114	13.128	1.226	1.557	379.7405	0.679	13.701	1.435	1.823
361.8734	0.061	13.602	1.360	1.747	380.7278	0.989	13.800	1.334	1.787
381.7325	0.305	13.287	1.311	1.653	390.7442	0.138	13.055	1.169	1.535
383.7304	0.933	13.868	1.618	1.821	391.7267	0.447	13.520	1.412	1.775
384.7337	0.249	13.186	1.268	1.617	392.7126	0.757	13.758	1.546	1.840
387.7345	0.192	13.097	1.111	1.564	393.7076	0.070	13.533	1.371	1.733
388.7516	0.512	13.570	1.446	1.814	394.7043	0.383	13.378	1.371	1.693
389.7503	0.826	13.821	1.503	1.881					

Table 1. Continued

<i>JD Hel</i> 2450000+	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> 2450000+	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
V336 Ori									
355.8679	0.057	13.730	1.185	1.457	384.7392	0.209	13.861	1.200	1.571
357.8633	0.758	14.388	1.393	1.800	386.7353	0.911	14.408	-	1.726
358.8532	0.106	13.623	1.091	1.431	387.7384	0.264	13.922	1.265	1.541
361.8656	0.166	13.791	1.152	1.532	388.7571	0.622	14.290	1.458	1.744
362.8649	0.517	14.278	1.386	1.785	389.7548	0.973	14.268	1.404	1.679
363.8615	0.868	14.436	1.454	1.768	390.7492	0.323	14.021	1.357	1.641
379.7305	0.448	14.179	1.374	1.713	391.7324	0.669	14.352	1.433	1.805
380.7364	0.802	14.410	1.627	1.747	392.7184	0.015	14.010	1.295	1.555
381.7378	0.154	13.728	1.219	1.497	393.7122	0.365	14.092	1.351	1.677
382.7464	0.509	14.268	1.364	1.728	394.7101	0.716	14.350	1.466	1.783
383.7416	0.859	14.407	1.613	1.710					
κ Pav									
348.4949	0.506	4.275	0.624	0.691	360.5646	0.833	4.791	-	0.865
349.5595	0.623	4.504	0.813	0.781	361.4714	0.933	4.777	-	0.828
351.4791	0.834	4.778	-	0.863	361.5699	0.944	4.765	-	0.812
353.4658	0.053	4.692	-	0.728	361.6294	0.950	4.774	-	0.801
354.4671	0.163	4.458	-	0.630	362.4697	0.043	4.693	-	0.731
354.5676	0.174	4.379	-	0.592	362.5786	0.055	4.682	-	0.721
355.4672	0.273	4.103	-	0.529	362.6018	0.057	4.675	-	0.713
355.6004	0.287	4.102	-	0.537	363.4711	0.153	4.479	-	0.613
357.4669	0.493	4.247	-	0.665	363.6075	0.168	4.408	-	0.598
357.5579	0.503	4.251	-	0.684	379.4803	0.913	4.764	-	0.835
358.4662	0.602	4.465	-	0.770	380.4750	0.023	4.733	-	0.762
358.5660	0.613	4.475	-	0.771	380.5700	0.033	4.681	-	0.741
359.4695	0.713	4.630	-	0.838	381.4743	0.132	4.593	-	0.660
359.5670	0.724	4.656	-	0.841	381.5839	0.144	4.506	-	0.639
360.4680	0.823	4.772	-	0.868	382.4831	0.243	-	-	0.550
382.6859	0.266	4.104	-	-	389.4813	0.013	4.718	-	0.747
383.5776	0.364	4.070	-	0.559	390.4838	0.123	4.591	-	0.658
384.5557	0.471	4.194	-	0.644	391.4833	0.233	4.211	-	0.537
385.4805	0.573	4.415	-	0.729	391.5726	0.243	4.160	0.396	0.527
386.4812	0.683	4.583	-	0.820	392.4833	0.343	4.093	-	0.564
386.5750	0.693	4.588	-	0.809	393.4849	0.453	4.196	-	0.634
387.6038	0.806	4.735	-	0.884	393.5821	0.464	4.175	-	0.630
388.4821	0.903	4.798	-	0.832					
RS Pup									
352.8937	0.209	7.065	-	1.489	384.8766	0.982	7.508	-	1.717
354.9008	0.257	6.669	-	1.328	386.7194	0.026	7.515	-	1.726
355.8986	0.281	6.551	-	1.290	386.8767	0.030	7.589	-	1.724
357.8961	0.330	6.520	-	1.313	387.7225	0.050	7.608	-	1.714
358.8951	0.354	6.531	-	1.329	387.8656	0.054	7.608	-	1.725
359.8887	0.378	6.569	-	1.359	388.7137	0.074	7.631	-	1.728
361.8877	0.426	6.656	-	1.408	388.8638	0.078	7.633	-	1.717
362.8938	0.450	-	-	1.417	389.7107	0.098	7.616	-	1.695
363.8927	0.475	6.730	-	1.464	390.7154	0.123	7.618	-	1.696
379.7990	0.859	7.263	-	1.675	390.8599	0.126	7.606	-	1.688
379.8809	0.861	7.221	-	1.669	391.7046	0.147	7.567	-	1.673

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
380.7864	0.883	7.310	-	1.678	391.8539	0.150	7.517	-	1.652
380.8257	0.884	7.307	-	1.692	392.7173	0.171	7.416	-	1.603
381.7939	0.907	7.353	-	1.700	392.8582	0.174	7.378	-	1.602
381.8751	0.909	7.358	-	1.699	393.7152	0.195	7.212	-	1.538
383.7317	0.954	7.445	-	1.688	393.8608	0.199	7.186	-	1.528
383.8802	0.958	7.448	-	1.708	394.7132	0.219	7.007	-	1.467
384.7222	0.978	7.489	-	1.718	394.8517	0.223	6.994	-	1.461
VX Pup									
351.8211	0.163	8.093	-	0.673	359.8129	0.816	8.450	-	0.782
352.8043	0.489	8.490	0.726	0.846	361.7970	0.475	8.581	-	0.840
354.8005	0.152	8.298	-	0.774	362.8125	0.812	8.088	-	0.639
355.8040	0.485	8.510	-	0.807	363.8057	0.142	8.366	-	0.784
357.8041	0.149	8.237	-	0.734	379.7577	0.438	8.342	0.671	0.770
358.8012	0.480	8.364	-	0.786	380.7512	0.768	8.455	0.680	0.812
381.7498	0.100	8.011	0.507	0.641	389.6966	0.738	8.532	0.731	0.834
383.7645	0.769	8.288	0.613	0.732	390.7028	0.072	8.080	0.567	0.678
384.7514	0.096	8.250	-	0.749	391.6925	0.401	8.535	0.746	0.880
386.7468	0.759	8.323	-	0.739	392.6946	0.734	8.215	0.603	0.702
387.7542	0.093	8.167	0.582	0.706	393.7206	0.074	8.309	0.645	0.772
388.7201	0.414	8.323	0.683	0.786	394.7174	0.405	8.317	0.654	0.768
AP Pup									
352.8909	0.687	7.684	-	1.044	384.8803	0.979	7.079	-	0.782
354.9055	0.083	7.114	-	0.823	386.7100	0.338	-	-	0.967
355.9021	0.279	7.353	-	0.939	386.8786	0.372	7.441	-	0.984
357.9008	0.672	7.661	-	1.029	387.7024	0.534	7.567	-	1.008
358.8989	0.868	7.386	-	0.909	387.8684	0.566	7.585	-	1.027
359.8922	0.064	7.082	-	0.807	388.7108	0.732	7.682	-	1.035
361.8912	0.457	7.515	-	0.998	388.8679	0.763	7.663	-	1.019
362.8964	0.655	7.680	-	1.037	389.6914	0.925	7.191	-	0.813
363.8963	0.851	7.471	-	0.930	390.6963	0.122	7.163	-	0.857
379.7958	0.978	7.064	-	0.784	390.8627	0.155	7.195	-	0.871
379.8847	0.996	7.010	-	0.781	391.6889	0.318	7.383	-	0.968
380.7830	0.173	7.214	-	0.879	391.8570	0.351	7.410	-	0.971
380.8217	0.180	7.211	-	0.885	392.6915	0.515	7.543	-	1.012
381.7908	0.371	7.440	-	0.991	392.6962	0.516	7.542	-	1.013
381.8781	0.388	7.438	-	0.991	392.8605	0.548	7.584	-	1.024
382.7057	0.551	7.595	-	1.019	393.7129	0.716	7.688	-	1.041
383.7079	0.748	7.694	-	1.020	393.8635	0.745	7.685	-	1.028
383.8838	0.783	7.626	-	1.005	394.7105	0.912	7.238	-	0.842
384.7012	0.943	7.120	-	0.810	394.8543	0.940	7.166	-	0.820
AT Pup									
354.9022	0.413	8.033	-	0.967	379.7978	0.148	7.747	-	0.839
355.8998	0.563	8.265	-	1.047	379.8823	0.161	7.719	-	0.865
357.8972	0.862	8.071	-	0.915	380.7852	0.296	7.900	-	0.924
358.8957	0.012	7.538	-	0.723	380.8236	0.302	7.899	-	0.931
359.8898	0.161	7.773	-	0.861	381.7926	0.448	8.129	-	1.013
361.8883	0.461	8.184	-	1.025	381.8757	0.460	8.149	-	1.027
363.8939	0.762	8.430	-	1.063	383.7303	0.738	8.428	-	1.059

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
383.8811	0.761	8.420	-	1.066	390.8605	0.808	8.316	-	1.013
384.7206	0.887	7.946	-	0.878	391.7001	0.934	7.697	-	0.776
384.8776	0.910	7.850	-	0.821	391.8549	0.957	7.566	-	0.717
386.7169	0.186	7.764	-	0.875	392.6977	0.084	7.627	-	0.778
387.7211	0.337	7.906	-	0.925	392.8587	0.108	7.683	-	0.804
387.8662	0.359	7.923	-	0.937	393.7145	0.236	7.879	-	0.911
388.7124	0.486	8.192	-	1.035	393.8616	0.258	7.902	-	0.918
388.8661	0.509	8.217	-	1.038	394.7119	0.386	7.962	-	0.957
389.7093	0.635	8.361	-	1.070	394.8525	0.407	8.023	-	0.975
390.7139	0.786	8.370	-	1.034					
CE Pup									
351.8293	0.172	11.509	-	1.739	382.7471	0.796	-	1.835	2.051
352.8149	0.192	11.511	1.509	1.750	383.7454	0.816	12.310	1.866	2.031
354.8113	0.232	11.556	-	1.782	384.7250	0.836	12.264	1.846	2.021
355.8076	0.252	11.562	-	1.777	386.7225	0.876	-	1.809	1.957
357.8069	0.293	11.608	-	1.839	387.7259	0.897	12.126	1.745	1.925
358.8052	0.313	11.618	1.656	1.848	388.7023	0.916	12.059	1.666	1.910
359.8151	0.333	11.652	1.679	1.864	389.7055	0.937	11.961	1.649	1.860
361.8072	0.373	11.701	1.716	1.884	390.7085	0.957	11.866	1.592	1.810
362.7961	0.393	11.710	1.740	1.883	391.6981	0.977	11.784	1.535	1.786
363.7855	0.413	11.740	1.746	1.917	392.7222	0.998	11.681	1.503	1.727
379.7434	0.736	12.241	1.946	2.035	393.7239	0.018	11.591	1.443	1.721
380.7364	0.756	12.293	1.894	2.074	394.7206	0.038	11.509	1.433	1.682
381.7379	0.776	12.284	1.904	2.014					
CO Pup									
351.8410	0.068	11.477	1.209	1.249	363.8213	0.816	10.738	-	1.149
352.8282	0.130	11.282	-	1.147	379.7742	0.812	10.750	-	1.135
354.8371	0.255	11.094	-	1.040	380.7635	0.873	10.965	-	1.206
355.8368	0.317	10.983	-	0.977	381.7682	0.936	11.291	-	1.271
357.8338	0.442	10.563	-	0.917	383.7825	0.062	11.487	-	1.263
358.8305	0.504	10.467	-	0.961	384.7620	0.123	11.328	-	1.158
359.8350	0.567	10.462	-	1.007	386.7587	0.248	11.093	-	1.021
361.8282	0.691	10.512	-	1.083	387.7647	0.311	10.959	-	0.984
362.8335	0.754	10.600	-	1.105	388.7561	0.372	10.754	-	0.928
389.7627	0.435	10.542	-	0.898					
EK Pup									
351.8220	0.837	10.550	-	0.984	381.7479	0.233	10.629	-	1.043
352.8058	0.211	10.576	0.803	1.014	383.7621	0.000	10.434	-	0.955
354.8021	0.972	10.447	-	0.949	384.7497	0.376	10.762	-	1.087
355.8067	0.354	10.715	-	1.077	386.7451	0.136	10.558	-	0.995
357.8057	0.115	10.529	-	0.993	387.7521	0.520	10.820	-	1.111
358.8031	0.495	10.816	-	1.118	388.7179	0.887	10.474	-	0.963
359.8136	0.880	10.493	-	0.967	389.7032	0.263	10.635	0.859	1.053
361.8059	0.639	10.816	-	1.097	390.7070	0.645	10.789	-	1.094
362.8104	0.021	10.465	-	0.954	391.6976	0.022	10.461	-	0.968
363.8038	0.400	10.772	-	1.087	392.6955	0.402	10.758	-	1.092
379.7555	0.474	10.819	-	1.111	393.7214	0.793	10.576	0.802	1.006
380.7491	0.853	10.521	0.775	0.979	394.7184	0.172	10.553	0.799	1.008

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
MY Pup									
351.7923	0.571	5.759	-	0.798	379.7954	0.488	5.744	-	0.812
352.7998	0.748	5.690	0.639	0.758	379.8865	0.504	-	-	0.805
353.7824	0.920	5.599	0.586	0.721	380.6895	0.645	5.746	-	0.779
354.7753	0.094	5.614	0.591	0.734	380.7825	0.662	5.728	-	0.792
355.7954	0.274	5.674	-	0.760	380.8208	0.668	5.722	-	0.782
355.9039	0.293	5.683	-	0.770	381.7082	0.824	5.654	-	0.749
357.7833	0.623	5.746	-	0.790	381.7903	0.839	5.627	-	0.735
357.9024	0.644	5.746	-	0.792	381.8797	0.854	5.627	-	0.743
358.7951	0.800	5.657	-	0.750	382.6849	0.996	5.589	-	0.732
358.9006	0.819	5.638	-	0.748	382.7001	0.998	5.572	-	0.703
359.8092	0.978	5.586	-	0.728	382.7102	0.000	5.589	-	0.730
359.8939	0.993	5.583	-	0.725	383.6997	0.174	5.637	-	0.750
361.7914	0.327	5.722	-	0.779	383.8850	0.206	5.634	-	0.759
361.8927	0.344	5.717	-	0.780	384.6774	0.346	5.719	-	0.795
362.7743	0.499	5.763	-	0.793	384.8821	0.381	5.741	-	0.795
362.8984	0.521	5.774	-	0.788	386.6739	0.696	5.718	-	0.780
363.7643	0.673	5.750	-	0.784	386.6894	0.699	5.704	-	0.769
363.8983	0.697	5.744	-	0.783	386.7077	0.702	5.694	-	0.780
379.7177	0.475	5.742	-	0.777	386.8806	0.732	5.713	-	0.775
387.6732	0.872	5.512	-	0.749	391.8584	0.607	5.754	-	0.791
387.8692	0.906	5.589	-	0.727	392.6773	0.750	5.685	-	0.758
388.8693	0.082	5.600	-	0.733	392.8617	0.783	5.676	-	0.755
389.6801	0.224	5.654	-	0.757	393.6700	0.925	5.581	-	0.724
390.6751	0.399	5.722	-	0.793	393.8646	0.959	5.592	-	0.722
390.8640	0.432	5.738	-	0.795	394.6810	0.102	5.608	-	0.744
391.6841	0.576	5.751	-	0.803	394.8554	0.133	5.627	-	0.747
V335 Pup									
351.8247	0.814	8.588	-	0.871	381.7510	0.970	8.624	-	0.881
352.8069	0.016	8.639	-	0.900	383.7659	0.384	8.774	-	0.945
354.8168	0.430	8.795	-	0.946	384.7525	0.587	8.726	-	0.924
355.8156	0.635	8.697	-	0.895	386.7475	0.998	8.663	-	0.888
357.8294	0.049	8.663	-	0.905	387.7549	0.205	8.740	-	0.944
358.8222	0.254	8.775	-	0.958	388.7216	0.404	8.790	-	0.959
359.8306	0.461	8.798	-	0.952	389.7242	0.610	8.689	-	0.913
361.8208	0.870	8.601	-	0.877	390.7120	0.813	8.567	-	0.854
362.8137	0.075	8.698	-	0.913	391.7063	0.018	-	-	0.920
363.8063	0.279	8.797	-	0.957	392.7254	0.227	8.780	-	0.942
379.7589	0.560	8.745	-	0.919	393.7271	0.433	8.789	-	0.941
380.7522	0.764	8.578	-	0.861	394.7236	0.638	8.671	-	0.908
U Sgr									
354.5909	0.146	6.467	-	1.174	362.5992	0.334	6.634	-	1.271
355.5437	0.288	6.644	-	1.269	363.5530	0.475	6.821	-	1.341
355.6188	0.299	6.632	-	1.263	363.6040	0.483	6.829	-	1.341
357.5436	0.584	6.932	-	1.370	380.5659	0.997	6.380	-	1.116
357.6224	0.596	6.950	-	1.374	381.5682	0.146	6.427	-	1.157
358.5514	0.734	7.078	-	1.386	382.5531	0.292	6.666	-	1.269
358.6155	0.743	7.080	-	1.377	383.5636	0.442	6.735	-	1.317

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
359.5545	0.882	6.772	-	1.265	384.5528	0.588	6.945	-	1.384
359.6077	0.890	6.756	-	1.258	386.5717	0.888	6.756	-	1.259
360.5486	0.030	6.332	-	1.094	388.4932	0.173	6.495	-	1.187
361.5563	0.179	6.510	-	1.198	389.4930	0.321	6.653	-	1.274
361.6262	0.189	6.536	-	1.205	390.4945	0.469	6.821	-	1.347
362.5607	0.328	6.635	-	1.272	391.4936	0.617	6.979	-	1.374
392.4938	0.766	7.067	-	1.382	393.4953	0.914	6.699	-	1.218
W Sgr									
354.5871	0.998	4.391	-	0.662	380.4780	0.407	4.868	-	0.909
355.5385	0.123	4.574	-	0.768	380.5593	0.418	4.847	-	0.903
355.6028	0.132	4.548	-	0.743	381.5095	0.543	4.960	-	0.923
357.5384	0.387	4.813	-	0.889	382.5470	0.679	-	-	0.964
357.6170	0.397	4.833	-	0.895	383.4824	0.802	4.989	-	0.873
358.5470	0.519	4.946	-	0.926	383.5564	0.812	4.871	-	0.847
358.6108	0.528	4.952	-	0.924	384.5468	0.943	4.397	-	-
359.5507	0.651	5.098	-	0.958	385.4827	0.066	4.487	-	0.694
359.6034	0.658	5.088	-	0.934	386.4846	0.198	4.574	-	0.779
360.5436	0.782	4.977	-	0.888	386.5659	0.208	4.554	-	0.759
361.5521	0.915	4.484	-	0.687	387.5522	0.338	4.706	-	0.850
361.6215	0.924	4.452	-	0.663	388.4848	0.461	4.886	-	0.903
362.5566	0.047	4.433	-	0.697	389.4836	0.593	5.062	-	0.946
362.5950	0.052	4.432	-	0.696	390.4856	0.725	5.107	-	0.939
363.5485	0.178	4.585	-	0.782	391.4849	0.856	4.748	-	0.788
363.6000	0.185	4.574	-	0.772	392.4852	0.988	4.384	-	0.658
379.4826	0.276	4.537	-	0.789	393.4868	0.120	4.574	-	0.755
X Sgr									
354.5857	0.757	4.835	-	0.942	363.5468	0.035	4.348	-	0.780
355.5373	0.893	4.477	-	0.807	363.5985	0.042	4.350	-	0.778
355.6015	0.902	4.431	-	0.791	379.4833	0.307	4.586	-	0.938
357.5373	0.178	4.492	-	0.865	380.4802	0.449	4.774	-	0.973
357.6160	0.189	4.496	-	0.862	381.4798	0.592	4.895	-	0.999
358.5460	0.322	4.610	-	0.912	381.4810	0.592	4.902	-	0.992
358.6088	0.331	4.604	-	0.907	381.5576	0.603	4.852	-	0.994
359.5493	0.465	4.769	-	0.972	382.4869	0.736	4.870	-	0.959
359.6019	0.472	4.780	-	0.972	382.5451	0.744	4.897	-	0.960
360.5427	0.606	4.877	-	1.002	383.4838	0.878	4.554	-	0.822
361.5509	0.750	4.841	-	0.949	383.5538	0.888	4.440	-	0.823
361.6202	0.760	4.826	-	0.955	384.5350	0.028	4.347	-	0.785
362.5552	0.893	4.439	-	0.802	385.4835	0.163	-	-	0.886
362.5935	0.899	4.418	-	0.785	386.4872	0.306	4.603	-	0.929
386.5537	0.315	4.588	-	0.908	390.4871	0.876	4.507	-	0.821
387.5496	0.457	4.766	-	0.963	391.4861	0.019	4.346	-	0.766
388.4864	0.591	4.896	-	0.992	392.4866	0.161	4.481	-	0.849
389.4848	0.732	4.889	-	0.962	393.4881	0.304	4.612	-	0.908
Y Sgr									
354.5897	0.463	5.889	-	1.026	380.4770	0.947	5.491	-	0.818
355.5423	0.628	6.074	-	1.075	380.5633	0.962	5.423	-	0.818
355.6175	0.641	6.045	-	1.070	381.4775	0.121	5.535	-	0.871

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
357.5422	0.975	5.407	-	0.797	381.5662	0.136	5.521	-	0.887
357.6209	0.988	5.394	-	0.794	382.4840	0.295	-	-	0.957
358.5504	0.149	5.542	-	0.884	382.5510	0.307	5.770	-	0.978
358.6145	0.161	5.557	-	0.891	383.5213	0.475	5.913	-	1.033
359.5534	0.323	5.743	-	0.979	384.5502	0.653	6.074	-	1.084
359.6068	0.332	5.746	-	0.974	385.4812	0.814	5.982	-	1.006
360.5466	0.495	5.916	-	1.051	386.5263	0.995	5.381	-	0.776
361.5549	0.670	6.089	-	1.074	388.4838	0.334	5.785	-	0.992
361.6248	0.682	6.117	-	1.082	389.4822	0.507	5.955	-	1.050
362.5595	0.844	5.862	-	0.975	390.4846	0.681	6.096	-	1.071
362.5979	0.850	5.833	-	0.965	391.4841	0.854	5.839	-	0.947
363.5520	0.016	5.390	-	0.800	392.4840	0.027	5.409	-	0.803
363.6027	0.025	5.398	-	0.791	393.4856	0.201	5.629	-	0.911
379.4815	0.775	6.050	-	1.065					
WZ Sgr									
354.5891	0.550	8.400	-	1.663	361.6238	0.872	8.381	-	1.564
355.5404	0.593	8.485	-	1.692	362.5586	0.914	8.193	-	1.512
355.6061	0.596	8.475	-	1.693	362.5971	0.916	8.173	-	1.504
357.5404	0.685	8.527	-	1.666	363.5506	0.960	7.646	-	1.311
357.6186	0.688	8.541	-	1.674	363.6018	0.962	7.634	-	1.306
358.5493	0.731	8.518	-	1.653	380.5617	0.738	8.506	-	1.659
358.6129	0.734	8.519	-	1.649	381.5643	0.784	8.425	-	1.617
359.5523	0.777	8.457	-	1.627	382.5493	0.829	8.399	-	1.587
359.6053	0.779	8.453	-	1.617	383.5602	0.876	8.326	-	1.581
360.5454	0.822	8.353	-	1.591	384.5489	0.921	8.128	-	1.488
361.5541	0.868	8.354	-	1.573	386.5681	0.013	7.437	-	1.249
388.4953	0.101	7.594	-	1.359	391.4965	0.239	7.848	-	1.502
389.4953	0.147	7.687	-	1.407	392.4965	0.285	7.913	-	1.545
390.4973	0.193	7.763	-	1.461	393.4985	0.330	8.005	-	1.560
XX Sgr									
354.5915	0.126	8.545	-	1.244	363.5537	0.521	9.078	-	1.502
355.5448	0.274	8.772	-	1.363	363.6047	0.529	9.092	-	1.500
355.6195	0.286	8.750	-	1.354	380.5641	0.169	8.584	-	1.283
357.5441	0.585	9.153	-	1.509	381.5669	0.325	8.803	-	1.390
357.6229	0.597	9.159	-	1.498	382.5517	0.478	9.038	-	1.476
358.5522	0.742	9.281	-	1.519	383.5622	0.635	9.181	-	1.520
358.6162	0.752	9.280	-	1.515	384.5513	0.789	9.262	-	1.513
359.5571	0.899	8.941	-	1.377	386.5704	0.103	8.513	-	1.235
359.6084	0.907	8.912	-	1.364	388.4941	0.403	8.869	-	1.412
360.5493	0.053	8.417	-	1.188	389.4943	0.559	9.138	-	1.492
361.5576	0.210	8.667	-	1.319	390.4958	0.715	9.272	-	1.529
361.6270	0.221	8.697	-	1.329	391.4950	0.870	9.079	-	1.435
362.5612	0.366	8.833	-	1.411	392.4954	0.026	8.407	-	1.177
362.5996	0.372	8.835	-	1.410	393.4971	0.182	8.628	-	1.292
YZ Sgr									
354.5930	0.371	7.545	-	1.227	363.6065	0.314	7.452	-	1.208
355.6213	0.478	7.668	-	1.251	380.5672	0.090	7.148	-	1.076
357.5460	0.680	7.463	-	1.158	381.5694	0.194	7.269	-	1.145

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
357.6248	0.688	7.452	-	1.148	382.5544	0.298	7.443	-	1.186
358.5540	0.785	7.250	-	1.062	383.5648	0.403	7.572	-	1.244
358.6176	0.792	7.231	-	1.047	384.5539	0.507	7.706	-	1.267
359.5588	0.891	7.191	-	1.052	386.5729	0.718	7.387	-	1.128
359.6101	0.896	7.170	-	1.044	388.4922	0.919	7.198	-	1.057
360.5509	0.994	7.034	-	1.016	389.4920	0.024	7.028	-	1.012
361.6283	0.107	7.201	-	1.083	390.4934	0.129	7.226	-	1.124
362.5631	0.205	7.292	-	1.158	391.4924	0.233	7.331	-	1.158
362.6012	0.209	7.286	-	1.144	392.4929	0.338	7.484	-	1.219
363.5548	0.309	7.424	-	1.191	393.4939	0.443	7.667	-	1.262
AP Sgr									
354.5878	0.071	6.583	-	0.748	355.5392	0.259	6.856	-	0.907
355.6051	0.272	6.858	-	0.895	363.6008	0.853	7.260	-	1.003
357.5395	0.655	7.249	-	1.043	380.5604	0.206	6.749	-	0.876
357.6179	0.670	7.261	-	1.039	381.5631	0.404	7.013	-	0.965
358.5480	0.854	7.261	-	1.006	382.5480	0.599	7.238	-	1.020
358.6116	0.867	7.213	-	0.976	383.5590	0.799	7.304	-	1.041
359.5514	0.052	6.558	-	0.733	384.5482	0.995	6.636	-	0.769
359.6042	0.063	6.559	-	0.751	386.5668	0.394	6.998	-	0.949
360.5445	0.249	6.811	-	0.892	388.4963	0.775	7.335	-	1.044
361.5528	0.448	7.065	-	0.985	389.4965	0.973	6.751	-	0.796
361.6224	0.462	7.087	-	0.977	390.4986	0.171	6.714	-	0.829
362.5574	0.647	7.238	-	1.042	391.4977	0.369	6.978	-	0.956
362.5958	0.654	7.242	-	1.037	392.4979	0.566	7.164	-	1.032
363.5493	0.843	7.278	-	1.018	393.4997	0.764	7.341	-	1.043
RV Sco									
350.5521	0.849	7.218	-	1.165	361.5647	0.666	7.415	-	1.288
350.5533	0.850	7.209	-	1.166	362.4726	0.816	7.319	-	1.215
350.5626	0.851	7.179	-	1.171	362.5733	0.833	7.264	-	1.198
350.5649	0.852	7.191	-	1.179	363.4742	0.981	6.639	-	0.956
351.4841	0.003	6.640	-	0.962	363.5612	0.996	6.632	-	0.957
352.5791	0.184	6.903	-	1.111	379.5515	0.634	7.378	-	1.309
353.4711	0.331	7.051	-	1.186	381.4836	0.953	6.718	-	0.971
354.5621	0.511	7.261	-	1.248	382.4887	0.118	6.789	-	1.042
355.4707	0.661	7.393	-	1.286	382.5405	0.127	-	-	1.074
355.4719	0.661	7.407	-	1.288	383.4868	0.283	-	-	1.165
355.5952	0.681	7.449	-	1.248	384.5309	0.455	7.168	-	1.240
357.4702	0.991	6.646	-	0.951	385.4873	0.613	7.412	-	1.270
357.5521	0.004	6.640	-	0.964	386.4906	0.779	7.419	-	1.262
358.4690	0.156	6.850	-	1.083	388.4992	0.110	6.773	-	1.040
358.5612	0.171	6.865	-	1.092	389.5005	0.275	7.002	-	1.134
359.4727	0.321	7.040	-	1.178	390.5014	0.440	7.139	-	1.210
359.5623	0.336	7.042	-	1.186	391.5017	0.605	7.370	-	1.282
360.4707	0.486	7.218	-	1.234	392.5016	0.770	7.422	-	1.277
360.5598	0.500	7.240	-	1.239	393.5034	0.936	6.887	-	1.038
361.4745	0.651	7.404	-	1.290					
RY Sco									
349.5891	0.624	8.060	-	1.836	362.5760	0.263	7.526	-	1.538
350.5695	0.672	8.148	-	1.869	363.4717	0.307	7.588	-	1.578

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
351.4815	0.717	8.201	-	1.882	363.5640	0.312	7.598	-	1.590
352.5869	0.771	8.281	-	1.894	380.5576	0.148	8.113	-	1.750
353.4686	0.815	8.325	-	1.937	381.5597	0.198	7.729	-	1.625
354.5648	0.869	8.338	-	1.884	382.4859	0.243	7.558	-	1.535
355.4691	0.913	8.342	-	1.888	382.5458	0.246	7.595	-	1.531
355.5980	0.919	8.353	-	1.876	383.5547	0.296	7.568	-	1.559
357.4678	0.012	8.373	-	1.871	384.5361	0.344	7.655	-	1.617
357.5556	0.016	8.348	-	1.863	386.4860	0.440	7.786	-	1.703
358.4736	0.061	8.356	-	1.851	386.5547	0.443	7.774	-	1.708
358.5639	0.066	8.358	-	1.845	387.5506	0.492	7.862	-	1.734
359.4702	0.110	8.264	-	1.811	388.4979	0.539	7.935	-	1.776
359.5648	0.115	8.245	-	1.808	389.4977	0.588	8.027	-	1.831
360.4686	0.159	8.037	-	1.722	390.4993	0.638	8.086	-	1.841
360.5624	0.164	8.000	-	1.715	391.4992	0.687	8.162	-	1.867
361.4721	0.209	7.662	-	1.592	392.4990	0.736	8.218	-	1.886
361.5673	0.213	7.624	-	1.566	393.5011	0.785	8.295	-	1.900
362.4705	0.258	7.532	-	1.542					
V482 Sco									
354.5844	0.251	7.882	-	1.133	363.5975	0.242	7.858	-	1.136
355.5364	0.462	8.104	-	1.220	379.5532	0.766	8.229	-	1.231
355.6002	0.476	8.116	-	1.241	380.5559	0.987	7.642	-	1.005
357.5360	0.903	7.882	-	1.089	381.5558	0.208	7.788	-	1.117
357.6143	0.921	7.810	-	1.040	382.4876	0.414	8.069	-	1.198
358.5443	0.126	7.714	-	1.050	383.5521	0.649	8.216	-	1.239
358.6078	0.140	7.726	-	1.048	384.5333	0.866	8.029	-	1.146
359.5482	0.348	7.984	-	1.190	386.4883	0.298	7.922	-	1.165
359.6010	0.359	7.992	-	1.202	386.5520	0.312	7.928	-	1.169
360.5413	0.567	8.162	-	1.234	388.4986	0.742	8.258	-	1.245
361.6192	0.805	8.212	-	1.226	389.4994	0.963	7.694	-	1.011
362.5542	0.012	7.602	-	0.991	390.5007	0.184	7.792	-	1.097
362.5925	0.020	7.605	-	0.997	391.5007	0.405	8.058	-	1.209
363.5455	0.231	7.835	-	1.117	392.5006	0.626	8.198	-	1.240
393.5023	0.847	8.104	-	1.166					
V636 Sco									
350.5552	0.264	6.620	-	1.005	363.5626	0.178	6.484	-	0.947
351.4827	0.401	6.661	-	1.036	379.4844	0.521	6.757	-	1.083
352.5808	0.562	6.827	-	1.086	380.4816	0.667	6.928	-	1.114
353.4700	0.693	6.924	-	1.108	381.4824	0.815	6.873	-	1.058
355.4700	0.987	6.469	-	0.923	382.4884	0.963	6.545	-	0.939
355.5969	0.006	6.466	-	0.901	382.5425	0.971	6.506	-	0.923
357.4688	0.281	6.594	-	1.002	383.4862	0.109	-	-	0.918
357.5536	0.294	6.592	-	1.006	383.5515	0.119	6.417	-	0.921
358.4680	0.428	6.701	-	1.046	384.5327	0.263	6.574	-	0.999
358.5628	0.442	6.712	-	1.047	385.4860	0.404	-	-	1.033
359.4714	0.576	6.821	-	1.090	386.4897	0.551	6.801	-	1.075
359.5638	0.590	6.848	-	1.107	386.5515	0.560	6.784	-	1.080
360.4697	0.723	6.946	-	1.106	388.4877	0.845	6.798	-	1.031
360.5611	0.736	6.939	-	1.100	389.4872	0.992	6.476	-	0.895
361.4732	0.871	6.738	-	1.016	390.4889	0.140	-	-	0.935

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
361.5663	0.884	6.706	-	1.014	391.4878	0.287	6.595	-	0.995
362.4716	0.018	6.425	-	0.900	392.4881	0.434	6.691	-	1.042
362.5750	0.033	6.411	-	0.902	393.4896	0.581	6.847	-	1.083
363.4730	0.165	6.470	-	0.944					
V950 Sco									
348.5782	0.469	7.451	0.858	0.974	362.5368	0.599	7.472	-	0.972
350.6628	0.086	7.214	-	0.843	363.5352	0.894	7.193	-	0.847
351.5606	0.351	7.406	-	0.950	379.5543	0.633	7.427	-	0.945
352.5826	0.654	7.443	-	0.957	380.5533	0.929	7.186	-	0.859
353.5297	0.934	7.171	-	0.834	381.5374	0.220	7.262	-	0.882
354.5425	0.233	7.290	-	0.904	382.5332	0.514	-	-	0.972
355.5289	0.525	7.479	-	0.974	383.5330	0.810	7.280	-	0.884
357.5281	0.117	7.186	-	0.859	384.5389	0.108	7.178	-	0.870
358.5317	0.414	7.443	-	0.957	385.5192	0.398	7.427	-	0.958
359.5244	0.707	7.380	-	0.920	386.5287	0.697	7.373	-	0.921
360.5311	0.005	7.150	-	0.835	387.5240	0.991	7.178	-	0.841
361.5372	0.303	7.362	-	0.923	388.5279	0.288	7.331	-	0.918
389.5274	0.584	7.464	-	0.969	392.5162	0.468	7.446	-	0.967
390.5231	0.878	7.212	-	0.871	393.5192	0.765	7.328	-	0.907
391.5224	0.174	7.226	-	0.880					
EW Sct									
348.5931	0.403	7.909	1.719	2.157	380.5279	0.886	7.793	1.614	2.082
351.5704	0.914	7.864	1.635	2.100	381.5533	0.063	7.726	1.631	2.067
352.5930	0.089	7.694	1.595	2.062	382.5384	0.232	8.002	1.740	2.206
353.5387	0.252	7.910	1.726	2.170	383.5468	0.405	8.177	1.845	2.247
354.5520	0.426	8.170	1.835	2.256	384.5431	0.576	8.132	-	2.218
355.5324	0.594	8.230	1.817	2.253	386.5417	0.919	7.889	1.722	2.140
358.5355	0.110	7.962	1.733	2.172	387.5459	0.092	7.935	1.702	2.168
359.5277	0.280	8.029	1.750	2.191	388.5386	0.262	7.890	1.734	2.142
360.5344	0.453	7.997	1.742	2.166	389.5378	0.434	7.914	1.725	2.141
361.5406	0.626	8.030	1.747	2.182	390.5332	0.605	8.103	1.825	2.217
362.5400	0.798	8.103	1.769	2.216	391.5324	0.776	8.158	1.794	2.225
363.5386	0.969	7.834	1.669	2.092	392.5271	0.947	7.736	1.617	2.058
379.5266	0.714	8.229	1.807	2.260	393.5286	0.119	7.713	1.637	2.086
V367 Sct									
348.5866	0.729	11.599	1.856	2.337	379.5288	0.646	11.678	1.873	2.361
350.6658	0.059	11.633	1.836	2.355	380.5296	0.805	11.689	1.846	2.334
351.5636	0.202	11.519	1.786	2.307	381.5549	0.968	11.528	1.789	2.292
352.5895	0.365	11.509	1.790	2.314	382.5402	0.124	11.380	1.696	2.245
353.5406	0.516	11.705	1.882	2.375	383.5482	0.284	11.448	1.833	2.303
354.5535	0.677	11.839	1.942	2.421	384.5449	0.443	11.720	1.870	2.398
355.5349	0.833	11.674	1.794	2.340	386.5431	0.760	11.700	1.864	2.335
357.5348	0.151	11.411	1.753	2.278	387.5484	0.920	11.284	1.710	2.176
358.5383	0.310	11.670	1.891	2.377	388.5394	0.077	11.404	1.784	2.264
359.5288	0.467	11.832	1.940	2.419	389.5395	0.236	11.642	1.885	2.362
360.5355	0.627	11.783	1.878	2.387	390.5345	0.394	11.758	1.912	2.407
361.5416	0.787	11.539	1.773	2.291	391.5344	0.553	11.708	1.881	2.347
362.5413	0.946	11.472	1.750	2.285	392.5280	0.711	11.613	1.858	2.346
363.5396	0.105	11.539	1.824	2.321	393.5300	0.870	11.547	1.823	2.296

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
BQ Ser									
348.5910	0.080	9.438	1.444	1.743	351.5716	0.778	9.716	1.521	1.812
352.5964	0.018	9.234	1.311	1.643	380.5259	0.557	9.563	1.495	1.793
353.5377	0.238	9.375	1.395	1.723	381.5516	0.797	9.656	1.573	1.795
354.5507	0.475	9.677	1.547	1.830	382.5364	0.028	9.246	1.334	1.662
355.5312	0.705	9.696	-	1.817	383.5454	0.264	9.378	1.460	1.671
357.5307	0.173	9.475	1.448	1.760	384.5418	0.498	9.671	1.586	1.840
358.5342	0.408	9.584	1.483	1.793	386.5402	0.966	9.204	1.351	1.646
359.5269	0.640	9.555	1.482	1.774	388.5370	0.433	9.610	1.545	1.804
360.5336	0.876	9.591	1.489	1.787	389.5363	0.667	9.535	1.509	1.749
361.5398	0.112	9.272	1.343	1.657	390.5320	0.900	9.535	1.468	1.753
362.5393	0.346	9.448	1.448	1.760	391.5304	0.134	9.328	1.350	1.685
363.5377	0.580	9.719	1.579	1.857	392.5198	0.366	9.409	1.474	1.748
379.5251	0.323	9.520	1.466	1.794	393.5222	0.600	9.685	1.586	1.833
DV Ser									
348.5953	0.095	13.364	-	2.835	380.5208	0.479	13.996	-	3.079
352.6015	0.269	13.717	2.685	3.021	381.5436	0.524	13.949	2.844	3.005
354.5464	0.353	13.845	2.696	3.054	383.5385	0.610	13.982	2.729	2.972
355.5140	0.395	13.880	2.691	3.035	386.5339	0.740	14.048	2.740	3.021
357.5151	0.482	13.945	2.753	3.026	387.5425	0.784	13.885	2.528	2.918
358.5203	0.525	13.987	2.690	3.035	388.5325	0.827	13.560	2.369	2.834
359.5154	0.568	14.029	2.743	3.055	389.5321	0.870	13.239	2.253	2.701
360.5205	0.612	14.022	2.634	3.026	390.5275	0.913	13.174	2.248	2.698
361.5258	0.656	14.097	2.619	3.047	391.5266	0.956	13.192	2.276	2.723
362.5208	0.699	14.066	2.658	3.017	392.5236	1.000	13.228	2.295	2.745
363.5235	0.742	14.034	2.619	3.001	393.5254	0.043	13.292	2.401	2.771
379.5195	0.436	13.952	2.626	3.078					
ST Tau									
380.7149	0.369	8.284	-	1.135	387.7102	0.103	7.914	-	0.967
381.6943	0.612	8.517	-	1.176	387.8796	0.145	7.982	-	0.999
381.7104	0.616	8.526	-	1.204	388.7351	0.357	8.279	-	1.136
382.7014	0.862	8.268	-	1.051	388.8801	0.393	8.319	-	1.146
382.7172	0.865	8.259	-	1.057	389.6867	0.593	8.492	-	1.199
383.7054	0.110	7.952	-	0.965	390.6820	0.840	8.354	-	1.097
384.7091	0.359	8.273	-	1.140	390.6866	0.841	8.369	-	1.105
386.6987	0.852	8.284	-	1.086	390.8741	0.887	8.130	-	1.000
391.6914	0.090	7.910	-	0.968	393.6778	0.582	8.484	-	1.194
391.8694	0.134	7.975	-	0.990	393.8774	0.632	8.525	-	1.205
392.6800	0.335	8.236	-	1.118	394.6951	0.834	8.375	-	1.102
392.8727	0.383	8.311	-	1.138	394.8648	0.877	8.194	-	1.037
SZ Tau									
380.7179	0.391	6.664	-	1.043	388.8827	0.984	6.452	-	0.987
381.6941	0.701	6.399	-	0.928	389.6734	0.235	6.656	-	1.059
382.6883	0.017	6.503	-	1.008	390.6688	0.551	6.516	-	0.992
382.7169	0.026	6.507	-	1.001	390.8766	0.617	6.448	-	0.958
383.6910	0.335	6.703	-	1.073	391.6874	0.874	6.380	-	0.957
384.6805	0.649	6.429	-	0.947	391.8728	0.933	6.417	-	0.969
386.6769	0.283	6.676	-	1.060	392.6792	0.189	6.629	-	1.049

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
386.6922	0.288	6.670	-	1.070	392.8752	0.252	6.661	-	1.060
386.7168	0.296	6.649	-	1.063	393.6609	0.501	6.570	-	1.002
387.6637	0.597	6.463	-	0.960	393.8801	0.571	6.519	-	0.989
387.8822	0.666	6.405	-	0.924	394.6847	0.826	6.354	-	0.935
388.6615	0.914	6.393	-	0.964	394.8669	0.884	6.386	-	0.944
388.6882	0.922	6.424	-	0.976					
EU Tau									
380.7186	0.494	8.234	-	0.880	390.7024	0.242	8.077	-	0.808
381.7190	0.970	7.920	-	0.727	390.8728	0.323	8.142	-	0.841
382.7242	0.448	8.210	-	0.864	391.6973	0.716	8.178	-	0.847
383.7199	0.921	7.963	-	0.738	391.8677	0.797	8.067	-	0.794
384.7171	0.396	8.167	-	0.855	392.7036	0.194	8.005	-	0.787
386.7101	0.344	8.103	-	0.846	392.8710	0.274	8.091	-	0.817
387.7119	0.820	8.029	-	0.773	393.6982	0.667	8.207	-	0.852
387.8781	0.899	7.943	-	0.748	393.8762	0.752	8.129	-	0.807
388.7365	0.307	8.120	-	0.834	394.6959	0.142	7.974	-	0.766
388.8785	0.375	8.167	-	0.847	394.8637	0.222	8.056	-	0.813
389.7023	0.767	8.086	-	0.809					
R TrA									
351.4896	0.868	6.606	-	0.765	354.5579	0.773	6.835	-	0.859
352.5547	0.182	6.583	-	0.790	355.4774	0.044	6.388	-	0.714
353.4776	0.454	6.815	-	0.899	357.4770	0.634	6.900	-	0.901
357.5489	0.655	6.899	-	0.902	363.4797	0.405	6.779	-	0.876
358.4768	0.929	6.402	-	0.690	363.5576	0.428	6.800	-	0.904
358.5577	0.953	6.371	-	0.679	379.4884	0.128	6.467	-	0.775
359.4784	0.225	6.589	-	0.811	380.4876	0.423	6.806	-	0.923
359.5595	0.249	6.624	-	0.845	381.4897	0.719	6.884	-	0.888
360.4759	0.519	6.861	-	0.913	382.4954	0.016	6.346	-	0.702
360.5565	0.543	6.853	-	0.915	383.4925	0.310	6.714	-	0.863
361.4786	0.815	6.747	-	0.834	384.5286	0.616	6.893	-	0.909
361.5609	0.839	6.682	-	0.812	385.4927	0.900	-	-	0.734
362.4776	0.110	6.464	-	0.753	386.4971	0.196	6.545	-	0.795
362.5690	0.136	6.486	-	0.774					
S TrA									
351.4880	0.855	6.519	-	0.817	361.5616	0.448	6.487	-	0.874
352.5622	0.025	6.054	-	0.649	362.4771	0.593	6.669	-	0.916
353.4762	0.170	6.203	-	0.749	362.5702	0.608	6.667	-	0.924
354.5588	0.341	6.393	-	0.832	363.4789	0.752	6.761	-	0.902
355.4762	0.486	6.547	-	0.881	363.5586	0.764	6.741	-	0.910
355.5945	0.505	6.604	-	0.871	379.4875	0.283	6.330	-	0.835
357.4753	0.802	6.703	-	0.884	380.4848	0.441	6.481	-	0.862
357.5499	0.814	6.663	-	0.878	380.4856	0.441	6.478	-	0.858
358.4748	0.960	6.116	-	0.662	381.4876	0.600	6.667	-	0.912
358.5587	0.974	6.072	-	0.639	382.4943	0.759	6.756	-	0.916
359.4776	0.119	6.129	-	0.696	383.4915	0.917	6.333	-	0.740
359.5606	0.132	6.138	-	0.697	384.5298	0.081	6.104	-	0.696
360.4751	0.277	6.354	-	0.800	385.4918	0.233	-	-	0.789
360.5583	0.290	6.343	-	0.814	386.4962	0.392	6.397	-	0.834
361.4780	0.435	6.474	-	0.869					

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
U TrA									
348.5546	0.161	7.715	0.548	0.663	353.5186	0.093	7.457	-	0.523
349.5821	0.561	8.207	-	0.839	354.5297	0.487	8.134	-	0.822
350.6080	0.960	7.845	0.503	0.664	354.5597	0.499	8.141	-	0.828
351.4869	0.302	7.917	-	0.715	355.4751	0.855	7.937	-	0.693
351.5448	0.325	7.932	0.641	0.723	355.5936	0.901	7.701	-	0.595
352.5631	0.721	8.170	-	0.806	357.4740	0.633	8.134	-	0.801
357.5006	0.644	8.127	-	0.788	380.5470	0.617	8.237	0.797	0.832
357.5504	0.663	8.134	-	0.806	381.5308	1.000	7.674	0.480	0.651
358.4803	0.025	7.752	-	0.629	382.4929	0.374	7.998	0.675	0.755
358.5073	0.036	7.742	-	0.619	382.5267	0.387	8.082	0.660	0.755
358.5595	0.056	7.688	-	0.603	383.4902	0.763	8.162	0.704	0.798
359.4766	0.413	7.947	-	0.750	383.5270	0.777	8.147	0.698	0.805
359.5020	0.423	7.966	0.678	0.759	385.4905	0.541	8.242	-	0.819
359.5611	0.446	7.984	-	0.762	386.4944	0.932	7.490	0.424	0.514
360.4740	0.801	8.266	-	0.822	386.5242	0.944	7.411	0.409	0.499
360.5035	0.813	8.271	0.755	0.827	387.5187	0.331	8.038	0.731	0.765
360.5574	0.834	8.218	-	0.817	388.5017	0.714	8.144	0.714	0.797
361.4772	0.192	7.796	-	0.703	388.5225	0.722	8.127	0.713	0.789
361.5052	0.203	7.839	0.731	0.710	389.5031	0.104	7.774	0.538	0.646
361.5626	0.225	7.846	0.621	0.726	389.5213	0.111	7.762	0.552	0.653
362.4761	0.581	8.194	-	0.834	390.5037	0.493	8.035	0.684	0.799
362.5025	0.591	8.199	0.760	0.824	390.5163	0.498	8.028	0.685	0.777
362.5712	0.618	8.191	0.762	0.832	391.5045	0.883	8.170	0.690	0.770
363.4777	0.971	7.771	-	0.635	391.5157	0.887	8.155	0.685	0.768
363.5061	0.982	7.782	0.539	0.637	392.5044	0.272	7.871	0.622	0.750
363.5597	0.003	7.775	0.545	0.653	393.5062	0.662	8.287	0.764	0.863
379.5464	0.227	7.793	0.570	0.710					
LR TrA									
348.5460	0.700	7.845	0.800	0.875	363.5289	0.870	7.779	-	0.825
350.5920	0.543	7.879	-	0.870	379.4979	0.447	7.856	-	0.876
351.5368	0.932	7.776	-	0.844	380.4958	0.858	7.771	-	0.836
352.5567	0.352	-	-	0.880	381.4966	0.270	7.779	-	0.852
354.5215	0.161	7.766	-	0.831	382.4990	0.683	-	-	0.864
355.5215	0.573	7.882	-	0.872	383.5023	0.096	7.744	-	0.821
357.5207	0.396	7.841	-	0.870	386.5095	0.334	7.792	-	0.873
358.5237	0.809	7.811	-	0.843	387.5078	0.746	7.858	-	0.854
359.5186	0.219	7.770	-	0.832	388.5092	0.158	7.745	-	0.835
360.5240	0.633	7.892	-	0.883	389.5083	0.569	7.889	-	0.869
361.5308	0.048	7.762	-	0.813	390.5055	0.980	7.758	-	0.857
362.5277	0.458	7.880	-	0.872	391.5068	0.392	7.851	-	0.866
RX Tuc									
351.6681	0.008	15.273	0.382	0.447	381.6558	0.997	15.238	0.470	0.562
352.7352	0.257	15.603	0.716	0.721	382.6487	0.228	15.493	0.593	0.728
353.6403	0.468	15.652	0.681	0.899	383.6501	0.462	15.722	0.644	0.972
354.6495	0.703	15.830	0.679	0.970	384.6435	0.693	15.811	0.716	0.998
355.6726	0.941	15.545	0.469	0.727	386.6347	0.157	15.418	0.568	0.807
357.6392	0.400	15.651	0.707	0.854	387.6109	0.385	15.588	0.735	0.804

Table 1. Continued

<i>JD Hel</i> 2450000+	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> 2450000+	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
358.7292	0.654	15.774	0.716	0.851	388.6069	0.617	15.778	0.737	0.965
359.6384	0.865	15.860	0.581	0.911	389.5999	0.848	15.826	0.752	0.846
359.7851	0.900	15.670	0.611	0.968	390.5936	0.080	15.295	0.485	0.642
361.6716	0.339	15.648	0.671	0.845	391.5925	0.313	15.561	0.640	0.811
362.6685	0.572	15.778	0.747	0.926	392.5975	0.547	15.715	0.730	0.914
363.6428	0.799	15.872	0.815	0.910	393.5920	0.779	15.890	0.713	1.030
379.6542	0.530	15.793	-	0.947	394.6463	0.024	15.227	0.407	0.671
380.6461	0.761	15.904	0.720	0.837					
SS Tuc									
351.6801	0.899	13.473	-	1.065	381.6608	0.502	13.091	1.032	1.021
352.7448	0.920	13.499	0.981	1.083	382.6544	0.522	13.127	1.044	1.065
353.6497	0.939	13.521	1.016	1.086	383.6561	0.543	13.138	1.088	1.060
354.6578	0.959	13.460	0.956	1.028	384.6490	0.563	13.180	1.066	1.092
355.6844	0.980	13.465	1.003	1.017	386.6405	0.603	13.219	1.113	1.084
357.6536	0.019	13.336	0.877	0.966	387.6285	0.623	13.231	1.071	1.109
358.6399	0.039	13.267	0.840	0.931	388.6215	0.643	13.239	1.086	1.076
359.6261	0.059	13.185	0.803	0.908	389.6194	0.663	13.276	1.071	1.094
361.6626	0.100	13.030	0.819	0.875	390.6095	0.683	13.311	1.080	1.108
362.6564	0.120	13.000	0.806	0.880	391.6081	0.703	13.334	1.104	1.129
363.6327	0.140	12.968	0.785	0.866	392.6146	0.723	13.344	1.119	1.097
379.6663	0.462	13.014	1.007	0.992	393.6195	0.743	13.376	1.096	1.126
380.6567	0.482	13.075	0.984	1.057	394.6625	0.764	13.389	1.130	1.090
SV Tuc									
351.6903	0.184	15.274	0.392	0.703	359.6486	0.610	15.601	0.593	0.748
352.7520	0.375	15.441	0.547	0.633	359.7957	0.636	15.637	0.464	0.787
354.6689	0.718	15.761	-	0.808	361.6815	0.974	15.539	0.478	0.663
357.6622	0.254	15.398	0.474	0.627	362.7147	0.159	15.338	0.404	0.601
358.7381	0.447	15.526	0.529	0.709	363.6791	0.331	15.440	0.475	0.608
379.6780	0.196	15.308	0.395	0.603	388.6141	0.796	15.709	0.487	0.694
380.6667	0.373	15.520	0.455	0.690	389.6070	0.974	15.551	0.435	0.578
381.6700	0.553	15.551	0.457	0.773	390.6012	0.152	15.337	0.398	0.530
382.6646	0.731	15.730	-	-	391.5998	0.331	15.434	0.475	0.615
383.6664	0.910	15.741	0.431	0.706	392.6065	0.511	15.544	0.497	-
384.6565	0.088	15.383	0.389	0.628	393.6077	0.691	15.641	0.547	0.829
386.6518	0.445	15.538	0.464	0.685	394.6544	0.878	15.722	0.486	0.590
387.6195	0.618	15.621	0.539	0.729					
BE Tuc									
351.7272	0.932	13.627	0.542	0.698	381.6778	0.110	13.852	0.768	0.915
352.7660	0.973	13.670	0.638	0.742	382.6735	0.149	13.865	0.809	0.920
353.6756	0.009	13.727	0.684	0.802	383.6757	0.188	13.950	0.833	0.976
354.6827	0.048	13.747	0.797	0.838	384.6646	0.227	13.993	0.913	0.982
355.7167	0.089	13.839	0.848	0.855	386.6614	0.306	14.113	0.978	1.060
357.6832	0.166	13.907	0.898	0.929	387.6351	0.344	14.158	1.011	1.074
358.6478	0.204	13.947	0.942	0.968	388.6290	0.383	14.219	1.049	1.094
359.7366	0.247	14.018	0.961	0.997	389.6251	0.422	14.305	1.047	1.044
361.7058	0.324	14.119	1.056	1.065	390.6177	0.461	14.365	1.096	1.091
362.6826	0.363	14.180	1.031	1.048	391.6147	0.500	14.412	1.068	1.092
363.6647	0.401	14.245	1.063	1.104	392.6218	0.540	14.456	1.098	1.098

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
379.6891	0.031	13.712	0.728	0.825	393.6262	0.579	14.471	1.060	1.066
380.6745	0.070	13.814	0.751	0.869	394.6688	0.620	14.498	1.093	1.090
BF Tuc									
351.7181	0.617	13.839	0.740	0.840	379.6844	0.852	13.466	0.526	0.655
352.7610	0.664	13.804	0.723	0.797	380.6714	0.896	13.244	0.462	0.596
353.6678	0.704	13.800	0.721	0.805	381.6743	0.940	13.162	0.430	0.596
354.6771	0.748	13.779	0.690	0.798	382.6704	0.984	13.202	0.438	0.570
355.7110	0.794	13.779	0.721	0.776	383.6719	0.028	13.281	0.460	0.668
357.6784	0.881	13.316	0.470	0.576	384.6607	0.072	13.316	0.519	0.639
358.6430	0.923	13.169	0.436	0.545	386.6569	0.160	13.420	0.584	0.695
359.7310	0.971	13.167	0.440	0.562	387.6308	0.203	13.463	0.637	0.739
361.7024	0.058	13.289	0.516	0.644	388.6250	0.247	13.536	0.661	0.788
362.6794	0.101	13.339	0.551	0.667	389.6219	0.291	13.588	0.685	0.797
363.6613	0.145	13.399	0.557	0.704	390.6134	0.335	13.624	0.742	0.796
391.6112	0.379	13.692	0.762	0.802	393.6227	0.468	13.787	0.751	0.873
392.6174	0.423	13.751	0.768	0.822	394.6653	0.514	13.818	0.789	0.871
BH Tuc									
351.7316	0.501	14.027	0.598	0.760	382.6774	0.049	14.359	0.957	0.974
352.7684	0.552	13.643	0.429	0.632	383.6794	0.099	14.437	0.850	1.025
353.6805	0.598	13.657	0.477	0.648	384.6687	0.149	14.497	0.792	1.029
354.6914	0.649	13.841	0.548	0.753	386.6653	0.249	14.533	0.842	0.995
357.6859	0.799	14.073	0.692	0.845	387.6393	0.297	14.510	0.828	0.971
358.6523	0.847	14.108	0.727	0.859	388.6341	0.347	14.460	0.774	0.956
359.7253	0.901	14.172	0.774	0.911	389.6302	0.397	14.443	0.760	0.925
361.6985	0.999	14.379	0.873	0.997	390.6231	0.447	14.435	0.777	0.926
362.6752	0.048	14.356	0.887	0.930	391.6193	0.496	14.074	0.580	0.755
363.6570	0.097	14.416	0.910	0.954	392.6267	0.547	13.627	0.449	0.588
379.6939	0.900	14.158	0.737	0.852	393.6307	0.597	13.670	0.440	0.621
380.6784	0.949	14.247	0.745	0.995	394.6742	0.649	13.787	0.530	0.701
381.6824	0.999	14.274	0.871	0.976					
V Vel									
351.9033	0.879	7.747	-	0.925	384.7814	0.401	7.624	-	0.954
352.8999	0.107	7.281	-	0.770	384.8707	0.422	7.656	-	0.964
354.8926	0.563	7.748	-	0.985	386.7993	0.863	7.829	-	0.943
355.8917	0.792	7.902	-	0.980	386.8703	0.879	7.748	-	0.932
357.8893	0.249	7.456	-	0.876	387.8595	0.106	7.267	-	0.769
358.8896	0.478	7.693	-	0.980	388.8156	0.324	7.547	-	0.923
359.8816	0.705	7.861	-	1.012	388.8570	0.334	7.551	-	0.920
361.8811	0.162	7.372	-	0.813	389.7602	0.540	-	-	0.990
363.8878	0.621	7.814	-	1.003	390.7848	0.775	7.889	-	1.004
379.8040	0.263	7.487	-	0.902	390.8533	0.790	7.890	-	1.001
379.8751	0.279	7.458	-	0.903	391.7513	0.996	7.263	-	0.753
380.7906	0.488	7.702	-	0.969	391.8481	0.018	7.218	-	0.731
380.8298	0.497	7.705	-	0.987	392.7763	0.230	7.425	-	0.863
381.7979	0.719	7.885	-	1.000	392.8516	0.248	7.463	-	0.875
381.8694	0.735	7.882	-	1.012	393.7387	0.451	7.670	-	0.971
383.8314	0.184	7.361	-	0.835	393.8554	0.477	7.705	-	0.973
383.8730	0.194	7.390	-	0.839	394.7441	0.681	7.836	-	1.003
394.8458	0.704	7.859	-	1.008					

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
RZ Vel									
351.9095	0.180	6.749	-	1.115	384.7793	0.792	7.570	-	1.394
352.8962	0.229	6.836	-	1.200	384.8743	0.796	7.566	-	1.382
354.8985	0.327	7.005	-	1.284	386.7967	0.891	7.595	-	1.352
355.8961	0.376	7.097	-	1.316	386.8743	0.894	7.558	-	1.350
357.8943	0.474	7.276	-	1.390	387.8632	0.943	7.192	-	1.200
358.8930	0.523	7.371	-	1.419	388.8134	0.989	6.431	-	0.904
359.8855	0.571	7.483	-	1.450	388.8608	0.992	6.424	-	0.901
361.8857	0.669	7.608	-	1.440	389.7245	0.034	6.456	-	0.931
363.8905	0.768	7.585	-	1.399	390.7172	0.083	6.564	-	1.005
379.8009	0.548	7.432	-	1.420	390.8575	0.090	6.568	-	1.005
379.8784	0.551	7.406	-	1.442	391.7487	0.133	6.671	-	1.077
380.7880	0.596	7.518	-	1.436	391.8513	0.138	6.667	-	1.080
380.8273	0.598	7.523	-	1.453	392.7186	0.181	6.772	-	1.135
381.7952	0.645	7.598	-	1.464	392.8556	0.188	6.761	-	1.139
381.8727	0.649	7.606	-	1.465	393.7369	0.231	6.838	-	1.199
383.7409	0.741	7.611	-	1.412	393.8585	0.237	6.852	-	1.202
383.8293	0.745	7.585	-	1.415	394.7426	0.280	6.914	-	1.236
383.8775	0.747	7.597	-	1.417	394.8490	0.285	6.940	-	1.256
ST Vel									
351.8625	0.943	9.355	-	1.248	381.7557	0.045	9.424	-	1.309
352.8485	0.111	9.508	-	1.361	383.7769	0.390	9.753	-	1.475
354.8414	0.451	9.847	-	1.491	384.7570	0.558	9.951	-	1.531
355.8427	0.622	10.023	-	1.536	386.7525	0.898	9.471	-	1.281
357.8379	0.963	9.344	-	1.260	387.7597	0.070	9.463	-	1.334
358.8343	0.133	9.520	-	1.368	388.7391	0.237	9.647	-	1.429
359.8388	0.304	9.715	-	1.453	389.7348	0.407	9.785	-	1.480
361.8370	0.645	10.050	-	1.527	390.7253	0.576	9.963	-	1.519
362.8344	0.816	9.743	-	1.398	391.7063	0.744	10.006	-	1.498
363.8118	0.982	9.377	-	1.270	392.7247	0.918	9.424	-	1.274
379.7653	0.706	10.046	-	1.528	393.7266	0.089	9.471	-	1.341
380.7565	0.875	9.568	-	1.324	394.7230	0.259	9.666	-	1.433
SW Vel									
351.9074	0.122	7.875	-	1.247	384.7799	0.524	8.550	-	1.483
352.8978	0.164	7.962	-	1.324	384.8729	0.528	8.564	-	1.487
354.8959	0.249	8.112	-	1.383	386.7975	0.610	8.656	-	1.471
355.8946	0.292	8.195	-	1.404	386.8725	0.614	8.634	-	1.476
357.8925	0.377	8.328	-	1.453	387.8618	0.656	8.696	-	1.480
358.8917	0.420	8.400	-	1.472	388.8139	0.696	8.726	-	1.479
359.8843	0.462	8.484	-	1.490	388.8597	0.698	8.724	-	1.469
361.8840	0.548	8.578	-	1.476	389.7252	0.735	8.705	-	1.442
362.8921	0.591	8.650	-	1.472	390.7180	0.778	8.652	-	1.401
363.8897	0.633	8.664	-	1.472	390.8559	0.783	8.598	-	1.378
379.8020	0.312	8.232	-	1.432	391.7495	0.822	7.949	-	1.120
380.7891	0.354	8.290	-	1.444	391.8505	0.826	7.841	-	1.072
380.8283	0.356	8.281	-	1.438	392.8541	0.869	7.497	-	0.951
381.7959	0.397	8.346	-	1.452	393.7377	0.906	7.519	-	0.989
381.8713	0.400	8.371	-	1.456	393.8576	0.912	7.540	-	1.002
383.7414	0.480	8.513	-	1.482	394.7433	0.949	7.611	-	1.058

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
383.8300	0.484	8.494	-	1.488	394.8481	0.954	7.630	-	1.073
383.8760	0.486	8.514	-	1.481					
SX Vel									
351.8606	0.842	8.060	-	0.911	381.7549	0.973	8.038	-	0.934
352.8473	0.946	8.034	-	0.918	383.7757	0.184	8.154	-	1.007
RZ Vel									
354.8403	0.154	8.082	-	0.974	384.7564	0.287	8.319	-	1.080
355.8407	0.259	8.285	-	1.037	386.7517	0.496	8.613	-	1.154
357.8368	0.468	8.553	-	1.158	387.7588	0.601	8.642	-	1.151
358.8334	0.573	8.651	-	1.174	388.7378	0.704	8.476	-	1.079
359.8378	0.678	8.550	-	1.096	389.7337	0.808	8.153	-	0.942
361.8360	0.887	8.019	-	0.893	390.7239	0.912	8.007	-	0.900
362.8269	0.991	8.018	-	0.908	391.7077	0.015	8.013	-	0.922
363.8108	0.094	7.956	-	0.920	392.7259	0.122	8.002	-	0.923
379.7637	0.764	8.330	-	1.016	393.7278	0.227	8.257	-	1.049
380.7555	0.868	8.017	-	0.905	394.7253	0.331	8.365	-	1.104
AE Vel									
351.8773	0.901	10.393	-	1.553	354.8563	0.318	10.156	-	1.535
352.8647	0.039	9.823	-	1.353	355.8583	0.459	10.310	-	1.586
357.8517	0.738	10.637	-	1.677	384.7720	0.512	10.426	-	1.632
358.8442	0.877	10.472	-	1.589	386.7776	0.793	10.677	-	1.666
359.8467	0.018	9.839	-	1.348	387.7795	0.934	10.256	-	1.517
361.8451	0.298	10.170	-	1.536	388.7722	0.073	9.835	-	1.362
362.8449	0.438	10.251	-	1.574	390.7750	0.354	10.158	-	1.538
363.8410	0.578	10.513	-	1.661	391.7559	0.491	10.385	-	1.628
379.7876	0.813	10.639	-	1.648	392.7572	0.631	10.554	-	1.678
380.7955	0.955	10.156	-	1.461	393.7638	0.773	10.656	-	1.685
381.7832	0.093	9.865	-	1.373	394.7582	0.912	10.341	-	1.541
383.7962	0.375	10.155	-	1.540					
AH Vel									
351.8272	0.303	5.724	-	0.663	381.8768	0.411	5.791	-	0.714
352.8107	0.535	5.845	0.641	0.704	382.7067	0.608	5.866	-	0.717
354.8091	0.008	5.547	-	0.577	382.7290	0.613	5.872	-	0.715
354.9043	0.031	5.527	-	0.573	383.7135	0.846	-	-	0.649
355.8019	0.243	5.653	-	0.626	383.8822	0.886	5.668	-	0.636
355.9011	0.266	5.692	-	0.655	384.7025	0.080	5.515	-	0.584
357.8018	0.716	5.830	-	0.691	384.8789	0.122	5.569	-	0.595
357.8992	0.739	5.811	-	0.694	386.7044	0.553	-	-	0.725
358.7984	0.952	5.596	-	0.596	386.8772	0.594	5.867	-	0.715
358.8976	0.975	5.560	-	0.592	387.7004	0.789	5.759	-	0.662
359.8109	0.191	5.630	-	0.619	387.8672	0.828	5.725	-	0.659
359.8914	0.210	5.642	-	0.637	388.7115	0.028	5.520	-	0.574
361.7947	0.661	5.884	-	0.722	388.8668	0.065	5.532	-	0.578
361.8903	0.683	5.858	-	0.699	389.6926	0.260	5.673	-	0.657
362.7890	0.896	5.662	-	0.619	390.7129	0.502	5.852	-	0.722
362.8952	0.921	-	-	0.619	390.8615	0.537	5.858	-	0.719
363.7826	0.131	5.586	-	0.599	391.6898	0.733	5.820	-	0.697
363.8951	0.158	5.608	-	0.606	391.8560	0.772	5.786	-	0.675

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
379.7966	0.919	5.622	-	0.612	392.6967	0.971	5.551	-	0.584
379.8833	0.940	-	-	0.604	392.8594	0.009	5.539	-	0.580
380.7840	0.153	5.584	-	0.604	393.7131	0.211	5.644	-	0.634
380.8226	0.162	5.593	-	0.613	393.8624	0.247	5.681	-	0.649
381.7916	0.391	5.777	-	0.697	394.7107	0.447	5.808	-	0.697
394.8529	0.481	5.845	-	0.717					
AM Vel									
351.8549	0.416	13.265	1.270	1.500	381.7707	0.392	13.168	1.225	1.466
352.8412	0.547	13.397	1.335	1.548	383.7851	0.660	13.470	1.293	1.577
354.8337	0.811	13.400	1.186	1.512	384.7645	0.790	13.478	1.302	1.547
355.8327	0.944	12.842	0.947	1.238	386.7601	0.055	12.937	0.994	1.295
357.8312	0.210	13.092	1.119	1.431	387.7667	0.189	13.093	1.110	1.405
358.8244	0.342	13.163	1.153	1.463	388.7584	0.321	13.162	1.159	1.456
359.8324	0.476	13.367	1.224	1.555	389.7646	0.455	13.366	1.228	1.546
361.8244	0.741	13.527	1.317	1.567	390.7657	0.588	13.451	1.293	1.567
362.8238	0.874	13.170	1.094	1.417	391.7454	0.718	13.526	1.312	1.589
363.8280	0.007	12.868	0.942	1.280	392.7424	0.850	13.270	1.143	1.452
379.7763	0.127	12.988	1.050	1.353	393.7509	0.984	12.852	0.916	1.269
380.7668	0.259	13.138	1.193	1.441	394.7469	0.117	12.996	1.033	1.379
AP Vel									
351.8591	0.016	9.507	-	1.043	381.7530	0.574	10.291	1.164	1.387
352.8450	0.331	10.114	-	1.343	383.7690	0.218	10.012	1.052	1.292
354.8390	0.969	9.738	-	1.143	384.7546	0.533	10.258	1.142	1.367
355.8398	0.289	10.113	-	1.300	386.7494	0.171	9.872	0.968	1.195
357.8354	0.927	10.012	-	1.244	387.7574	0.493	10.128	1.105	1.330
358.8316	0.245	9.827	-	1.213	388.7258	0.803	10.337	1.152	1.393
359.8363	0.566	10.311	-	1.387	389.7295	0.124	9.723	0.917	1.162
361.8352	0.205	10.048	-	1.296	390.7476	0.449	10.304	1.196	1.391
362.8260	0.522	10.234	-	1.357	391.7325	0.764	10.145	1.039	1.301
363.8092	0.837	10.104	-	1.269	392.7273	0.082	9.929	0.995	1.220
379.7621	0.937	9.990	-	1.225	393.7293	0.403	10.029	1.048	1.293
380.7544	0.254	9.839	-	1.201	394.7265	0.721	10.243	1.121	1.361
AX Vel									
351.8328	0.232	8.318	-	0.877	361.7937	0.944	8.244	-	0.841
352.8098	0.498	8.225	0.683	0.839	362.7885	0.214	8.162	-	0.800
355.8001	0.312	8.071	-	0.763	363.7803	0.484	8.191	-	0.831
357.8004	0.856	8.130	-	0.783	379.7401	0.829	8.211	-	0.829
358.7978	0.128	8.103	-	0.800	380.7279	0.098	8.191	-	0.822
359.8104	0.404	8.395	-	0.907	381.7234	0.369	8.097	-	0.772
382.7312	0.644	8.415	0.789	0.902	390.7030	0.814	8.366	0.780	0.886
383.7097	0.910	8.082	0.616	0.758	391.6944	0.084	7.973	0.562	0.735
384.7084	0.182	8.109	0.679	0.806	392.7204	0.363	8.270	0.743	0.866
386.6987	0.724	8.109	0.645	0.795	393.7221	0.636	8.419	0.791	0.906
387.7127	1.000	8.185	0.708	0.822	394.7187	0.907	7.991	0.583	0.743
389.6995	0.541	8.172	0.694	0.826					
BG Vel									
351.9051	0.020	7.434	-	1.219	384.7807	0.768	7.820	-	1.365
352.8990	0.163	7.507	-	1.277	384.8716	0.781	7.810	-	1.370

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
354.8949	0.452	7.698	-	1.357	386.7987	0.060	7.461	-	1.218
355.8929	0.596	7.830	-	1.367	386.8711	0.070	7.437	-	1.230
357.8909	0.884	7.598	-	1.278	387.8603	0.213	7.542	-	1.298
358.8905	0.029	7.413	-	1.222	388.8150	0.351	7.617	-	1.336
359.8827	0.172	7.505	-	1.279	388.8580	0.357	7.622	-	1.332
361.8817	0.461	7.726	-	1.366	389.7590	0.487	7.764	-	1.357
363.8885	0.751	7.858	-	1.373	390.7844	0.635	7.862	-	1.405
379.8030	0.049	7.437	-	1.218	390.8542	0.645	7.874	-	1.398
379.8759	0.060	7.395	-	1.238	391.7506	0.775	7.822	-	1.364
380.7900	0.192	7.536	-	1.281	391.8490	0.789	7.781	-	1.348
380.8293	0.198	7.516	-	1.288	392.7759	0.923	7.541	-	1.261
381.7968	0.337	7.621	-	1.332	392.8526	0.934	7.531	-	1.258
381.8701	0.348	7.630	-	1.345	393.7379	0.062	7.425	-	1.227
383.7424	0.618	7.858	-	1.395	393.8562	0.079	7.437	-	1.226
383.8310	0.631	7.838	-	1.396	394.7434	0.207	7.530	-	1.287
383.8745	0.637	7.859	-	1.398	394.8467	0.222	7.550	-	1.298
BH Vel									
352.8342	0.857	12.711	1.647	1.993	379.7713	0.598	12.867	1.767	2.091
354.8269	0.133	12.521	1.609	1.951	380.7600	0.735	12.894	1.782	2.054
355.8258	0.272	-	1.683	-	381.7657	0.875	12.686	1.667	1.975
358.8166	0.688	12.900	1.787	2.084	383.7798	0.154	12.530	1.597	1.968
359.8267	0.828	12.782	1.716	2.027	384.7595	0.290	12.621	1.648	2.016
361.8167	0.104	12.529	1.584	1.948	386.7557	0.568	12.862	1.788	2.067
362.8195	0.243	12.581	1.666	1.985	387.7616	0.707	12.908	1.805	2.078
363.8177	0.382	12.687	1.706	2.042	388.7415	0.843	12.754	-	2.027
389.7375	0.982	12.536	1.567	1.942	392.7496	0.400	12.693	1.717	2.029
390.7595	0.124	12.527	1.613	1.957	393.7577	0.540	12.812	1.758	2.072
391.7425	0.260	12.602	1.645	2.011	394.7526	0.678	12.909	1.782	2.088
BQ Vel									
352.8245	0.443	14.789	1.265	1.349	383.7515	0.614	14.961	-	1.425
354.8225	0.036	14.364	0.935	1.197	384.7457	0.909	14.089	0.747	1.088
355.8199	0.332	14.706	1.135	1.367	386.7389	0.500	14.885	1.260	1.424
357.8136	0.923	14.086	0.828	1.039	387.7463	0.798	14.861	1.000	1.324
358.8119	0.219	14.691	1.064	1.386	388.7056	0.083	14.448	1.029	1.257
359.8216	0.518	14.906	1.235	1.401	389.7160	0.382	14.804	1.122	1.391
361.8123	0.108	14.520	1.010	1.276	390.7538	0.690	15.026	1.118	1.422
362.8023	0.402	14.847	1.161	1.443	391.7372	0.982	14.235	0.892	1.126
363.7922	0.695	15.040	1.179	1.476	392.7371	0.278	14.723	1.085	1.362
379.7499	0.427	14.862	1.228	1.429	393.7449	0.577	14.936	1.218	1.454
380.7421	0.721	15.007	1.256	1.349	394.7318	0.870	14.209	0.792	1.118
381.7428	0.018	14.259	0.979	1.149					
CO Vel									
352.8309	0.275	12.505	-	2.219	383.7659	0.511	12.748	-	2.303
354.8297	0.743	12.941	2.031	2.354	384.7527	0.742	12.949	-	2.359
355.8298	0.977	12.206	-	2.026	386.7474	0.208	12.438	-	2.177
357.8266	0.444	12.717	-	2.312	387.7551	0.444	12.682	-	2.277
358.8200	0.676	12.907	-	2.351	388.7235	0.670	12.925	-	2.376
359.8295	0.912	12.586	-	2.181	389.7276	0.905	12.582	-	2.172
361.8196	0.378	12.671	-	2.283	390.7494	0.144	12.323	-	2.111

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
362.8131	0.610	12.886	-	2.345	391.7340	0.374	12.663	-	2.299
363.8071	0.842	12.880	-	2.299	392.7515	0.612	12.866	-	2.333
379.7603	0.574	12.860	-	2.344	393.7593	0.848	12.863	-	2.301
380.7531	0.806	12.936	-	2.317	394.7551	0.081	12.214	-	2.063
381.7516	0.040	12.157	-	2.017					
CP Vel									
351.8694	0.730	12.828	-	2.001	357.8440	0.337	12.776	1.713	2.052
352.8509	0.829	12.669	1.522	1.923	358.8359	0.438	12.942	1.789	2.099
354.8432	0.032	12.402	1.461	1.855	359.8401	0.540	13.063	1.791	2.117
355.8444	0.134	12.525	1.563	1.908	361.8382	0.743	12.839	1.606	2.000
362.8357	0.844	12.666	1.547	1.930	387.7697	0.377	12.869	1.728	2.073
363.8306	0.945	12.557	1.526	1.888	388.7617	0.478	13.005	1.802	2.112
379.7798	0.565	13.052	1.799	2.093	390.7690	0.682	12.922	1.698	2.042
380.7720	0.666	12.945	1.685	2.037	391.7664	0.783	12.772	1.596	1.969
381.7750	0.768	12.796	1.542	1.995	392.7450	0.883	12.662	1.536	1.938
383.7896	0.973	12.479	1.455	1.879	393.7533	0.985	12.446	1.467	1.874
384.7676	0.072	12.491	1.508	1.903	394.7489	0.086	12.513	1.524	1.925
386.7631	0.275	12.726	1.702	2.020					
CS Vel									
351.8921	0.161	11.457	-	1.547	381.7844	0.223	11.568	-	1.613
352.8656	0.326	11.682	-	1.662	383.7970	0.564	11.921	-	1.733
354.8576	0.663	12.012	-	1.761	384.7729	0.730	12.081	-	1.779
355.8594	0.833	11.940	-	1.682	386.7788	0.069	11.350	-	1.482
357.8526	0.170	11.440	-	1.548	387.7801	0.239	11.575	-	1.625
359.8554	0.510	11.875	-	1.729	388.7731	0.407	11.760	-	1.707
361.8457	0.847	11.942	-	1.694	390.7756	0.746	12.066	-	1.754
362.8462	0.016	11.318	-	1.458	391.7706	0.915	11.653	-	1.573
363.8420	0.185	11.501	-	1.564	392.7537	0.081	11.347	-	1.493
379.7893	0.886	11.761	-	1.626	393.7606	0.252	11.577	-	1.631
380.7972	0.056	11.319	-	1.465	394.7559	0.420	11.744	-	1.680
CX Vel									
351.8840	0.639	11.560	1.597	1.844	381.7780	0.418	11.345	1.479	1.784
352.8549	0.795	11.715	1.636	1.884	383.7923	0.740	11.664	1.609	1.881
354.8500	0.113	11.065	1.283	1.623	384.7693	0.896	11.722	-	1.869
355.8479	0.273	11.160	-	1.685	386.7655	0.215	11.124	1.307	1.657
357.8478	0.593	11.488	1.565	1.831	387.7714	0.376	11.327	1.440	1.780
358.8398	0.751	11.664	1.631	1.870	388.7649	0.535	11.435	1.533	1.822
359.8431	0.912	11.683	1.569	1.854	390.7712	0.856	11.734	1.640	1.877
361.8411	0.231	11.148	1.336	1.676	391.7544	0.013	11.338	1.428	1.726
362.8421	0.391	11.321	1.490	1.762	392.7559	0.173	11.069	1.300	1.638
363.8376	0.550	11.462	1.530	1.830	393.7627	0.334	11.235	1.436	1.738
379.7827	0.099	11.074	1.272	1.625	394.7576	0.493	11.381	-	1.792
380.7750	0.258	11.152	1.368	1.685					
DK Vel									
351.8867	0.682	10.686	0.845	1.028	381.7801	0.728	10.720	0.871	1.039
352.8620	0.075	10.829	0.887	1.080	383.7940	0.539	10.560	-	0.981
355.8512	0.279	10.572	0.820	0.941	384.7705	0.933	10.850	-	1.091
357.8492	0.084	10.806	-	1.077	386.7676	0.737	10.726	-	1.031
358.8415	0.484	10.534	-	0.971	387.7735	0.143	10.783	-	1.057

Table 1. Continued

<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>	<i>JD Hel</i> <i>2450000+</i>	<i>Phase</i>	<i>V</i>	<i>B - V</i>	<i>V - I_c</i>
359.8454	0.889	10.832	-	1.099	388.7662	0.543	10.569	-	0.983
361.8426	0.694	10.712	-	1.043	390.7729	0.351	10.546	-	0.959
362.8435	0.097	10.809	-	1.057	391.7681	0.752	10.748	-	1.057
363.8396	0.498	10.559	-	0.964	392.7470	0.147	10.758	-	1.040
379.7846	0.923	10.855	-	1.110	393.7549	0.553	10.585	-	1.001
380.7926	0.330	10.544	-	0.968	394.7501	0.954	10.845	-	1.104
DP Vel									
351.8903	0.447	11.907	-	1.757	381.7820	0.897	11.933	-	1.717
352.8631	0.624	12.087	-	1.819	383.7950	0.264	11.698	-	1.683
354.8556	0.988	11.585	-	1.577	384.7710	0.442	11.922	-	1.770
355.8567	0.170	11.583	-	1.584	386.7691	0.807	12.161	-	1.794
357.8505	0.534	11.964	-	1.791	387.7746	0.990	11.556	-	1.568
358.8426	0.715	12.136	-	1.818	388.7712	0.172	11.569	-	1.608
359.8459	0.898	11.928	-	1.716	390.7739	0.537	11.998	-	1.811
361.8443	0.262	11.704	-	1.671	391.7693	0.718	12.168	-	1.829
362.8443	0.444	11.902	-	1.747	392.7522	0.898	11.934	-	1.705
363.8401	0.626	12.069	-	1.792	393.7599	0.081	11.466	-	1.546
379.7857	0.533	11.988	-	1.785	394.7548	0.263	11.692	-	1.666
380.7942	0.717	12.163	-	1.839					
FN Vel									
351.8793	0.904	10.095	-	1.360	363.8511	0.152	10.163	1.173	1.429
352.8751	0.091	10.087	-	1.392	379.7914	0.146	10.160	1.169	1.422
354.8611	0.464	10.446	-	1.535	380.7993	0.335	10.343	1.275	1.517
355.8625	0.652	10.586	-	1.549	381.7865	0.521	10.476	-	1.549
357.8811	0.031	10.028	1.098	1.367	383.7984	0.899	10.098	-	1.360
358.8646	0.215	10.222	1.199	1.476	384.7754	0.082	10.071	1.122	1.388
359.8568	0.402	10.414	1.299	1.521	386.7808	0.459	10.445	1.281	1.528
361.8474	0.776	10.484	-	1.500	387.7813	0.647	10.561	-	1.549
362.8548	0.965	9.986	1.055	1.329	388.7749	0.833	10.286	1.164	1.442
390.7770	0.209	10.208	-	1.460	393.7647	0.770	10.468	1.254	1.516
391.7573	0.393	10.397	1.271	1.539	394.7600	0.957	9.977	1.049	1.329
392.7583	0.581	10.542	1.308	1.570					

Table 2.

<i>Star</i>	<i>Initial epoch</i>	<i>Period</i>	<i>Star</i>	<i>Initial epoch</i>	<i>Period</i>
VZ CMa	36229.518	3.126327	V381 Cen	36201.953	5.07878 *
TW Cap	44073.10	28.6101	V419 Cen	36365.750	5.507108
VX Cap	25418.656	1.327558 *	V553 Cer	41124.28	2.06051 *
U Car	44534.18	38.8006	V659 Cen	40348.77	5.62180 *
V Car	37454.023	6.69668 *	V737 Cen	28656.350	7.06585 *
Y Car	43262.03	3.639732	AV Cir	38206.05	3.0651 *
UW Car	34897.059	5.345773 *	AX Cir	38199.54	5.273268 *
UY Car	34890.645	5.543726 *	BP Cir	44297.03	2.3984
VY Car	10009.58	18.907	AL CrA	35124.375	17.060 *
CF Car	23789.3	5.4949 *	BE CrA	25479.25	3.33650 *
CN Car	34510.24	4.93261 *	BQ CrA	23880.575	1.1276457 *

Table 2. Continued

<i>Star</i>	<i>Initial epoch</i>	<i>Period</i>	<i>Star</i>	<i>Initial epoch</i>	<i>Period</i>
CQ Car	24298.405	5.318934 *	HQ CrA	30559.244	1.414950 *
ER Car	40277.88	7.71855 *	KQ CrA	35152.715	30.864 *
FK Car	25382.96	23.254 *	V347 CrA	31169.8	15.3460 *
FM Car	24298.06	7.63861 *	V449 CrA	44157.43	16.4943 *
FZ Car	33702.849	3.577892	T Mon	43784.615	27.024649 *
GH Car	32401.598	5.725513	SV Mon	43794.338	15.232780 *
GI Car	34548.080	4.430688	UY Mon	32037.895	2.398177
GS Car	24072.10	4.05515 *	V526 Mon	39117.333	2.675118
GX Car	40741.13	7.19673 *	S Mus	40299.42	9.66007 *
GZ Car	43258.7	4.158991	S Nor	44018.69	9.75411 *
HS Car	24593.52	5.092090 *	SY Nor	40737.43	12.6452 *
HW Car	24404.94	9.2002 *	AA Nor	44020.88	12.24982 *
IK Car	24561.28	5.10179 *	GU Nor	44025.74	3.452877 *
IM Car	24537.21	5.33625 *	II Nor	28367.08	23.559 *
IP Car	24394.59	7.1225 *	QZ Nor	45387.788	3.786476
V397 Car	47493.262	2.063481	DF Ori	25243.69	3.1807 *
V Cen	40308.60	5.493839 *	V336 Ori	30259.774	2.84363 *
UZ Cen	40746.0	3.334318	✕ Pav	40140.167	9.09423 *
XX Cen	40366.24	10.954348 *	RS Pup	35734.426	41.3876 *
AZ Cen	34715.867	3.212284	VX Pup	44866.8	3.011824
BK Cen	43258.1	3.173860	AP Pup	40689.21	5.0843102 *
IU Cen	34572.29	3.31926 *	AT Pup	40741.22	6.6650 *
IZ Cen	26029.19	5.8923 *	CE Pup	26222.20	49.53 *
LV Cen	26926.25	4.97513 *	CO Pup	40979.52	16.0192 *
EK Pup	41508.088	2.625939	RX Tuc	26323.283	4.290777 *
MY Pup	41806.868	5.69445	SS Tuc	27750.478	49.684 *
V335 Pup	44649.918	4.86173	SV Tuc	32441.361	5.584440 *
U Sgr	30117.925	6.745226 *	BE Tuc	26319.275	25.432997 *
W Sgr	43374.77	7.59503 *	BF Tuc	44155.15	22.646828 *
X Sgr	40741.70	7.01283 *	BH Tuc	30935.512	19.985803
Y Sgr	40762.38	5.77335 *	V Vel	40736.25	4.370991 *
WZ Sgr	35506.629	21.849708 *	RZ Vel	34845.57	20.398240 *
XX Sgr	35308.449	6.124140 *	ST Vel	40896.70	5.8584249 *
YZ Sgr	35514.301	9.553606 *	SW Vel	40738.24	23.4410 *
AP Sgr	36045.500	5.057875 *	SX Vel	21015.98	9.54993 *
RV Sco	34925.38	6.06133 *	AE Vel	40772.20	7.13357 *
RY Sco	28256.45	20.31322	AH Vel	33192.420	4.227181
V482 Sco	40754.495	4.527807 *	AM Vel	35535.43	7.52326 *
V636 Sco	40364.392	6.79671 *	AP Vel	43245.6	3.127733
V950 Sco	47551.659	3.380090	AX Vel	43878.9	3.673145
EW Sct	46316.5	5.823337	BG Vel	34918.94	6.923655 *
V367 Sct	37430.58	6.293090	BH Vel	26180.78	7.2008 *
BQ Ser	48511.8	4.270814	BQ Vel	26339.40	3.372462 *
DV Ser	33048.48	23.0639 *	CO Vel	35567.46	4.27536 *
ST Tau	41761.963	4.034299 *	CP Vel	41122.49	9.84226 *
SZ Tau	30600.957	3.148946	CS Vel	44021.06	5.90474 *
EU Tau	40376.009	2.102495	CX Vel	41002.28	6.255425 *
R TrA	40838.21	3.389287	DK Vel	41354.250	2.48164 *
S TrA	40734.45	6.32344 *	DP Vel	35250.94	5.48438 *
U TrA	43267.0	2.568423 *	FN Vel	33240.35	5.32422 *
LR TrA	46330.575	2.428217			

Note. *The elements are taken from GCVS (Kholopov *et al.*, 1985a,b, 1987).