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Astronomical & Astrophysical Transactions

The Journal of the Eurasian Astronomical Society

Publication details, including instructions for authors and subscription information:
<http://www.informaworld.com/smpp/title~content=t713453505>

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Online Publication Date: 01 May 1998

To cite this Article: Berdnikov, L. N. and Turner, D. G. (1998) 'Photoelectric observations of southern cepheids in 1997', *Astronomical & Astrophysical Transactions*, 16:4, 291 - 347

To link to this article: DOI: 10.1080/10556799808208160

URL: <http://dx.doi.org/10.1080/10556799808208160>

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PHOTOELECTRIC OBSERVATIONS OF SOUTHERN CEPHEIDS IN 1997

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(Received May 28, 1997)

In April–May 1997, 3299 photoelectric $V(RI)_c$ brightness measurements were made for 134 Cepheids using the SAAO 0.5-m reflector. Tables of observations, V light curves, and $V - R_c$, $V - I_c$ colour curves are presented.

KEY WORDS Cepheids, photoelectric photometry

1 INTRODUCTION

This work continues our programme of photoelectric monitoring of southern hemisphere Cepheids, the main goals of which were described in our previous paper (Berdnikov and Turner, 1997).

2 OBSERVATIONS

The photoelectric observations were performed in April–May, 1997 (JD 2450541–84) with the 0.5-m reflector of the South African Astronomical Observatory (SAAO), equipped with the pulse-counting photoelectric photometer. A cooled unit with Hamamatsu photomultiplier and $V(RI)_c$ filters of the Kron–Cousins photometric system (Cousins, 1976) were employed.

A description of the observing techniques can be found in our previous paper (Berdnikov and Turner, 1997). Landolt's (1983) photometric standards from the equatorial areas SA 101 (stars Nos. 24, 311, and 333), SA 105 (stars Nos. 28, 405, and 663), SA 108 (stars Nos. 702, 827, and 1911), and SA 110 (star No. 471) were used. Observational errors are close to 0^m01 in all bands.

We have obtained a total of 3299 measurements for 134 Cepheids, which are summarized in Table 1 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 $V - R_c$, and $V - I_c$ colours, respectively. The phases of observations, which are given in the second column of the table and which we used to construct the light curves in Figures 1–14, were calculated with the elements from GCVS-IV (Kholopov *et al.*, 1985a,b; 1987) (see Table 2). The large scatter of data points in the light curves of Y Car, GZ Car, UZ Cen, BK Cen, VX Pup, EW Set, V367 Set, BQ Ser, U TrA, AP Vel, and AX Vel is due to the bimodality of these Cepheids.

Acknowledgements

This work was supported in part by the Russian Foundation of Basic Research and the “Astronomy” State Science and Technology Program to LNB and through NSERC Canada to DGT. We would also like to express our gratitude to the administration of SAAO for allocating a large amount of observing time and to Dr. John Caldwell for his help during the preobservation stage.

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Cousins, A. W. J. (1976) *Mem. Soc. Astron. Ital.* **81**, 25.
Kholopov, P. N., Samus', N. N., Frolov, M. S. *et al.* (1985a) *General Catalogue of Variable Stars*, vol. 1, Nauka, Moscow.
Kholopov, P. N., Samus', N. N., Frolov, M. S. *et al.* (1985b) *General Catalogue of Variable Stars*, vol. 2, Nauka, Moscow.
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Appendix A

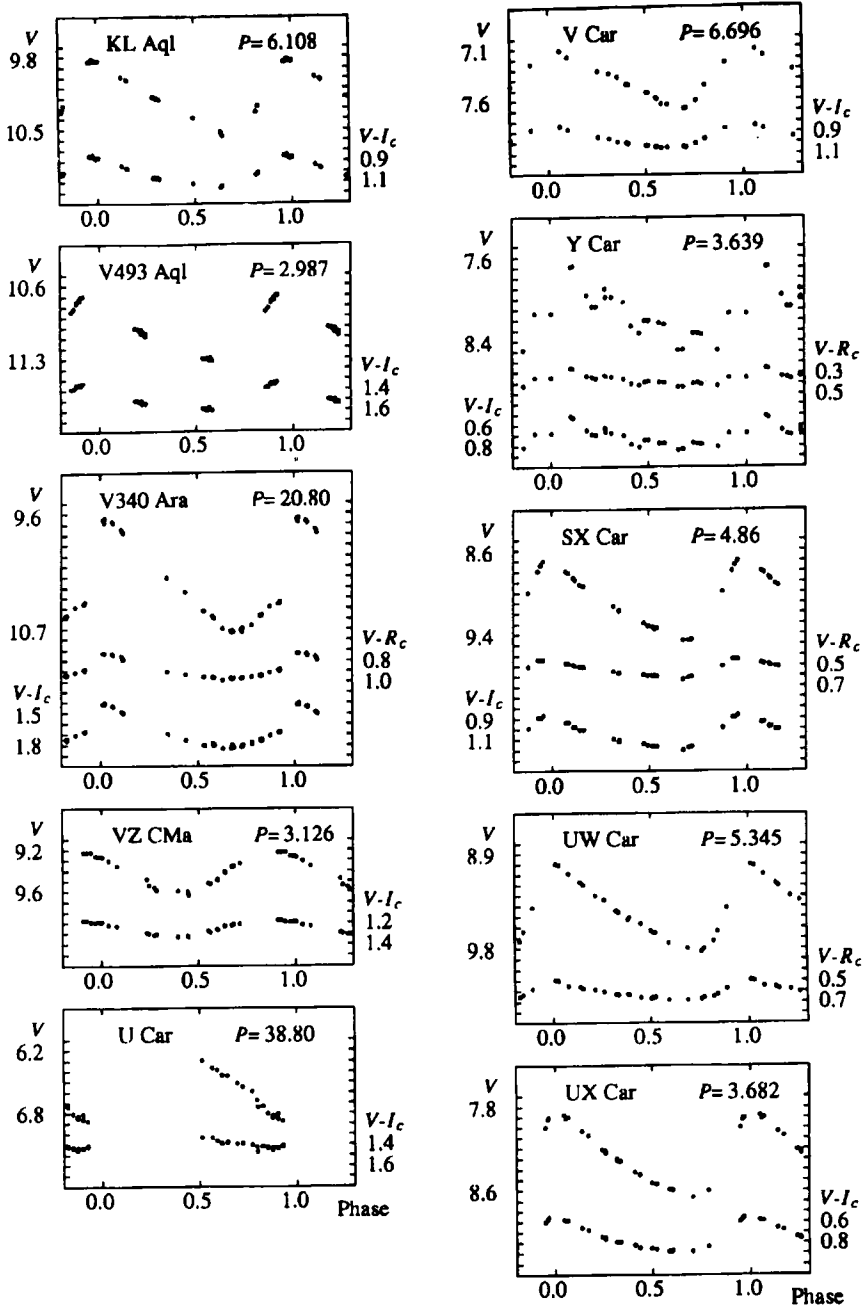


Figure 1 The light and colour curves for KL Aql, V493 Aql, V340 Ara, VZCMa, U Car, V Car, Y Car, SX Car, UW Gar, and UX Car.

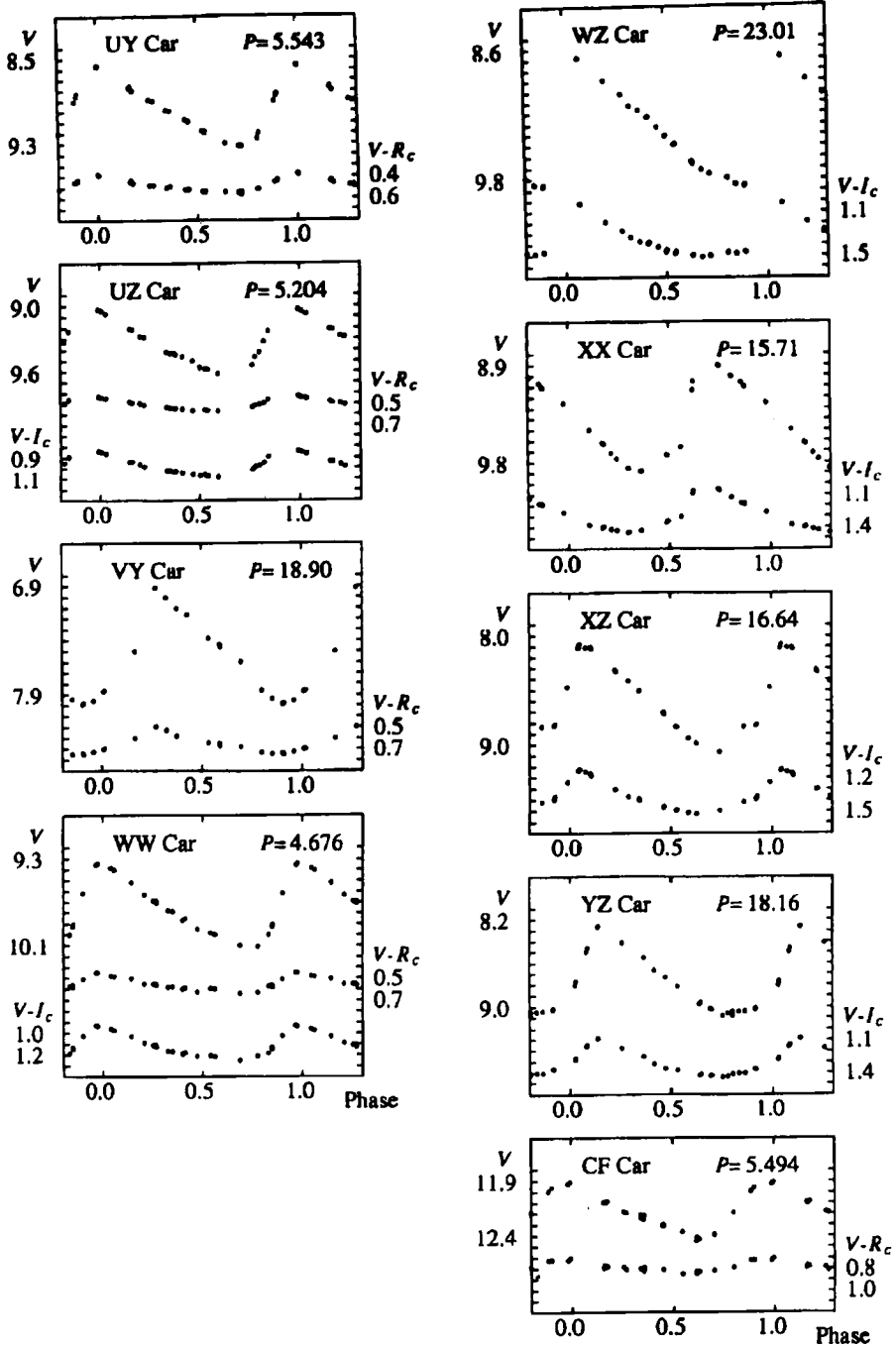


Figure 2 The light and colour curves for UY Car, UZ Car, VY Car, WW Car, WZ Car, XX Car, XZ Car, YZ Car, and CF Car.

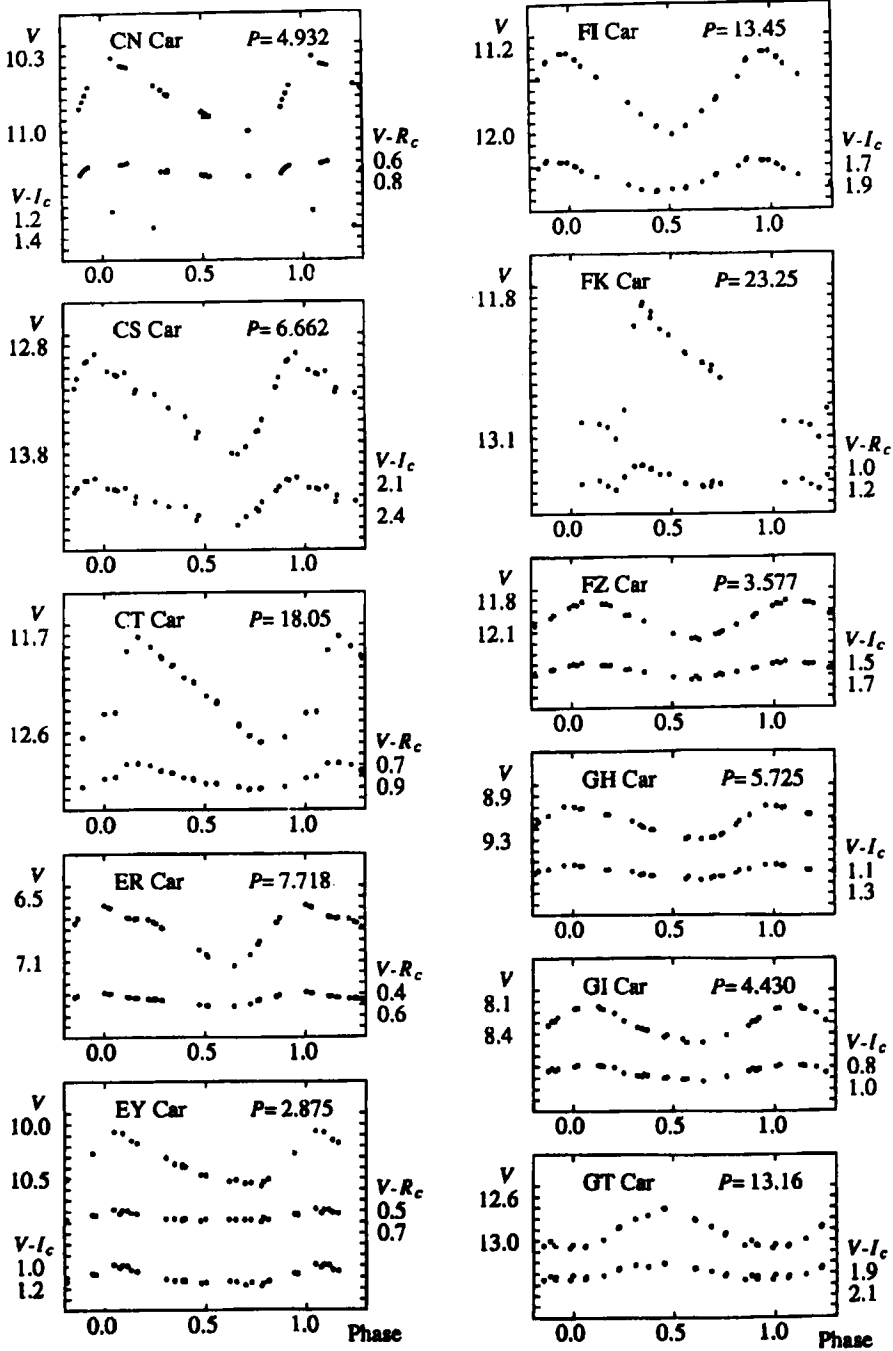


Figure 3 The light and colour curves for CN Car, CS Car, CT Car, ER Car, EY Car, FI Car, FK Car, FZ Car, GH Car, GI Car, and GT Car.

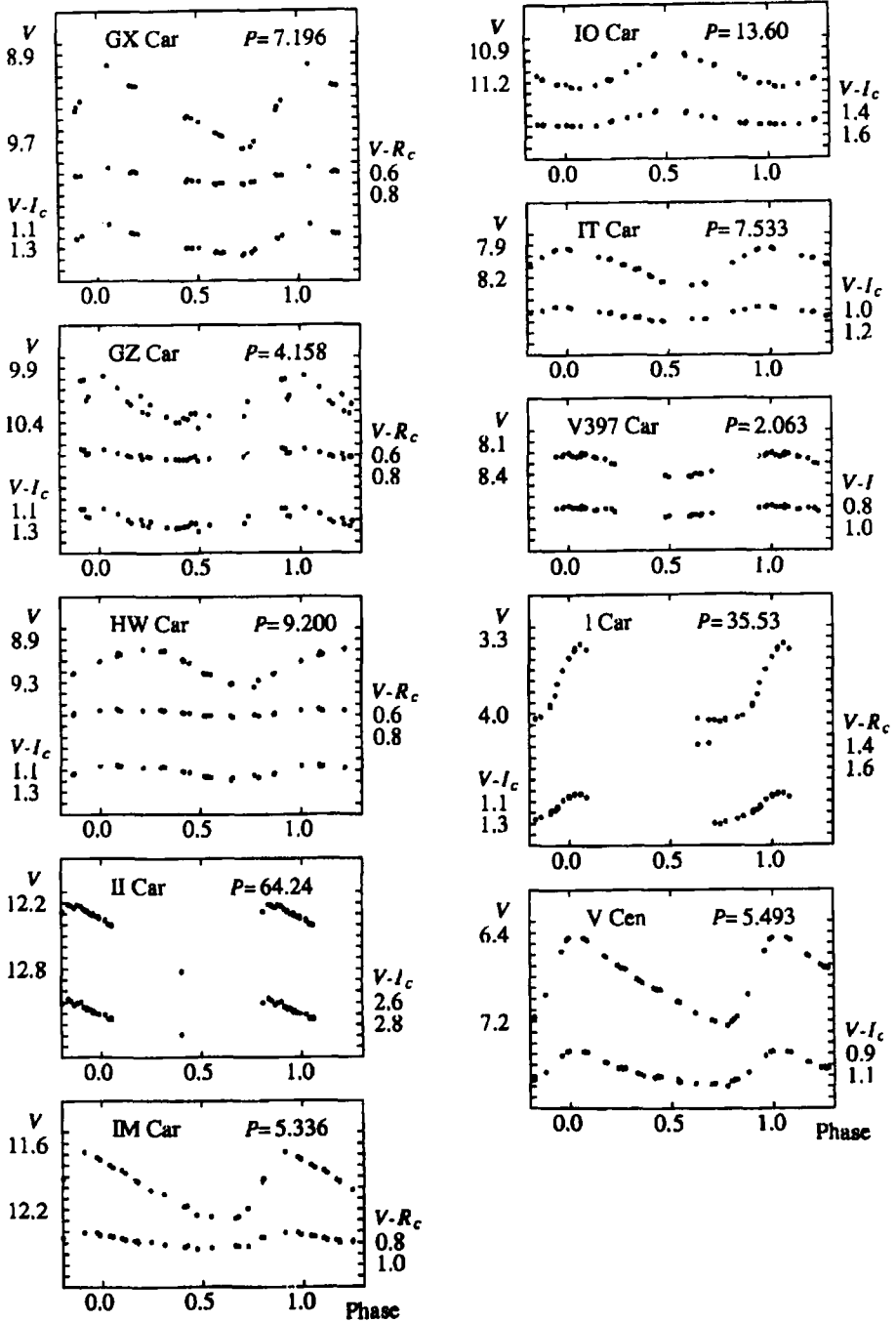


Figure 4 The light and colour curves for GX Car, GZ Car, HW Car, II Car, IM Car, IO Car, IT Car, V397 Car, l Car, and V Cen.

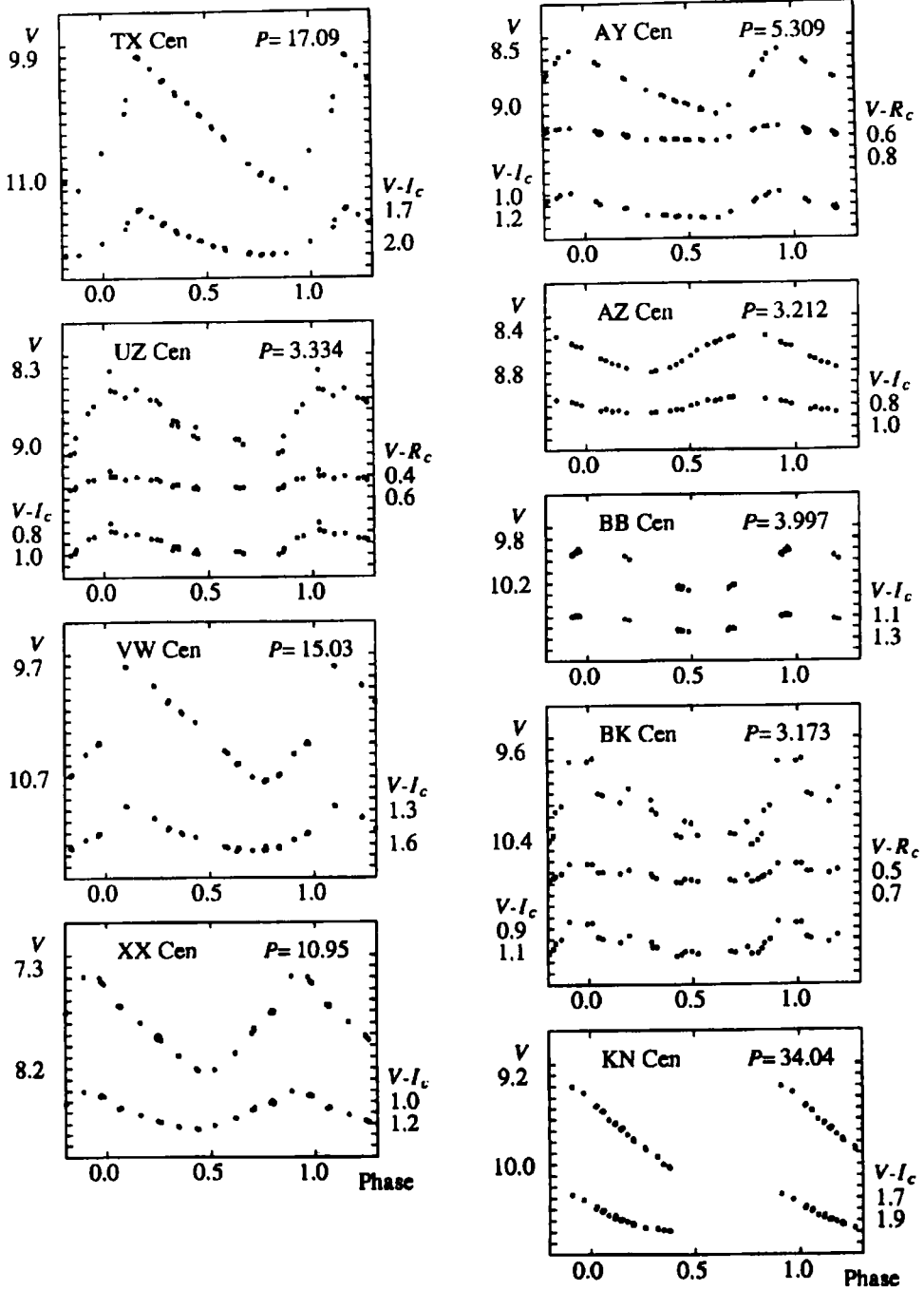


Figure 5 The light and colour curves for TX Cen, UZ Cen, VW Cen, XX Cen, AY Cen, AZ Cen, BB Cen, BK Cen, and KN Cen.

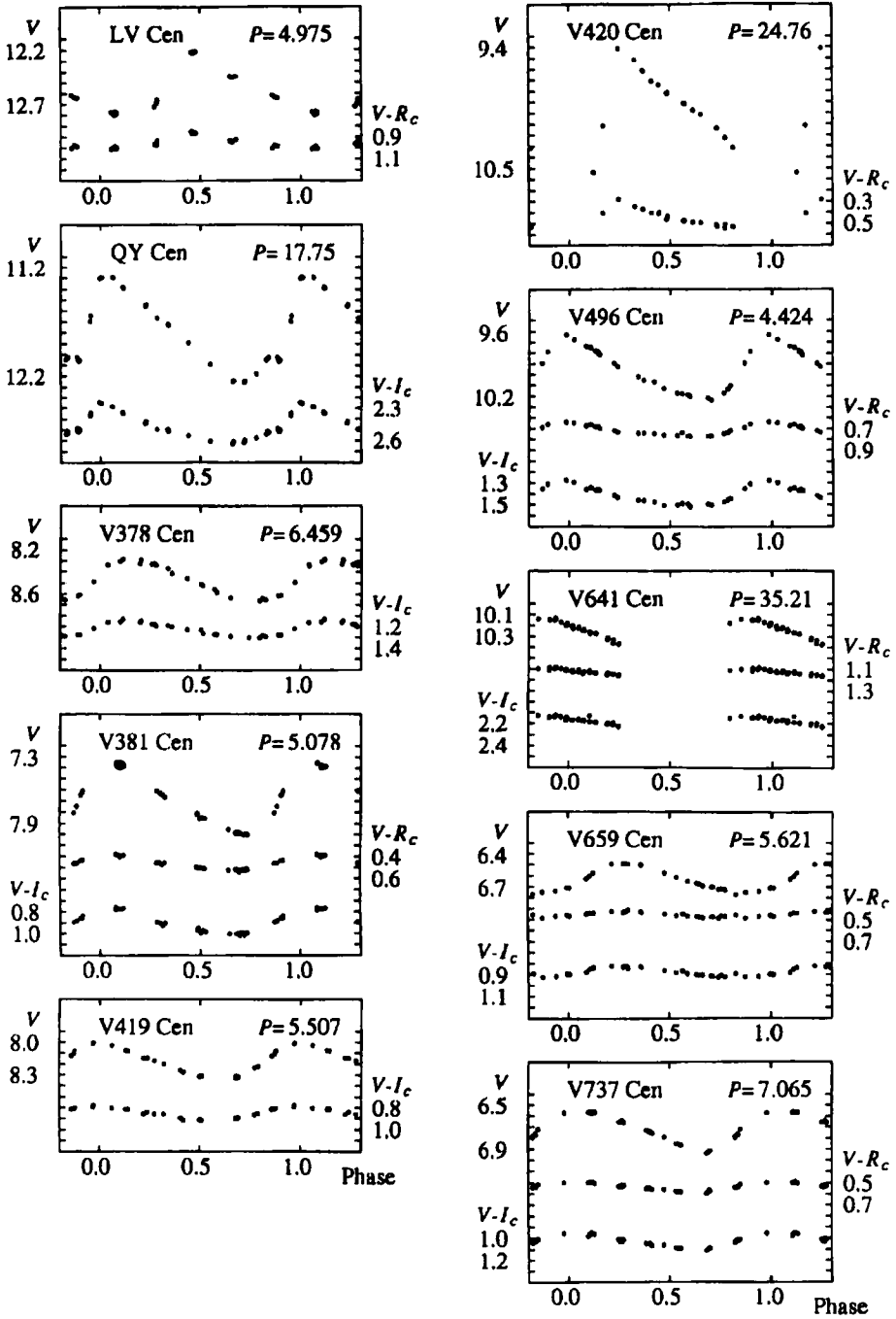


Figure 6 The light and colour curves for LV Cen, QY Cen, V378 Cen, V381 Cen, V419 Cen, V420 Cen, V496 Cen, V641 Cen, V659 Cen, and V737 Cen.

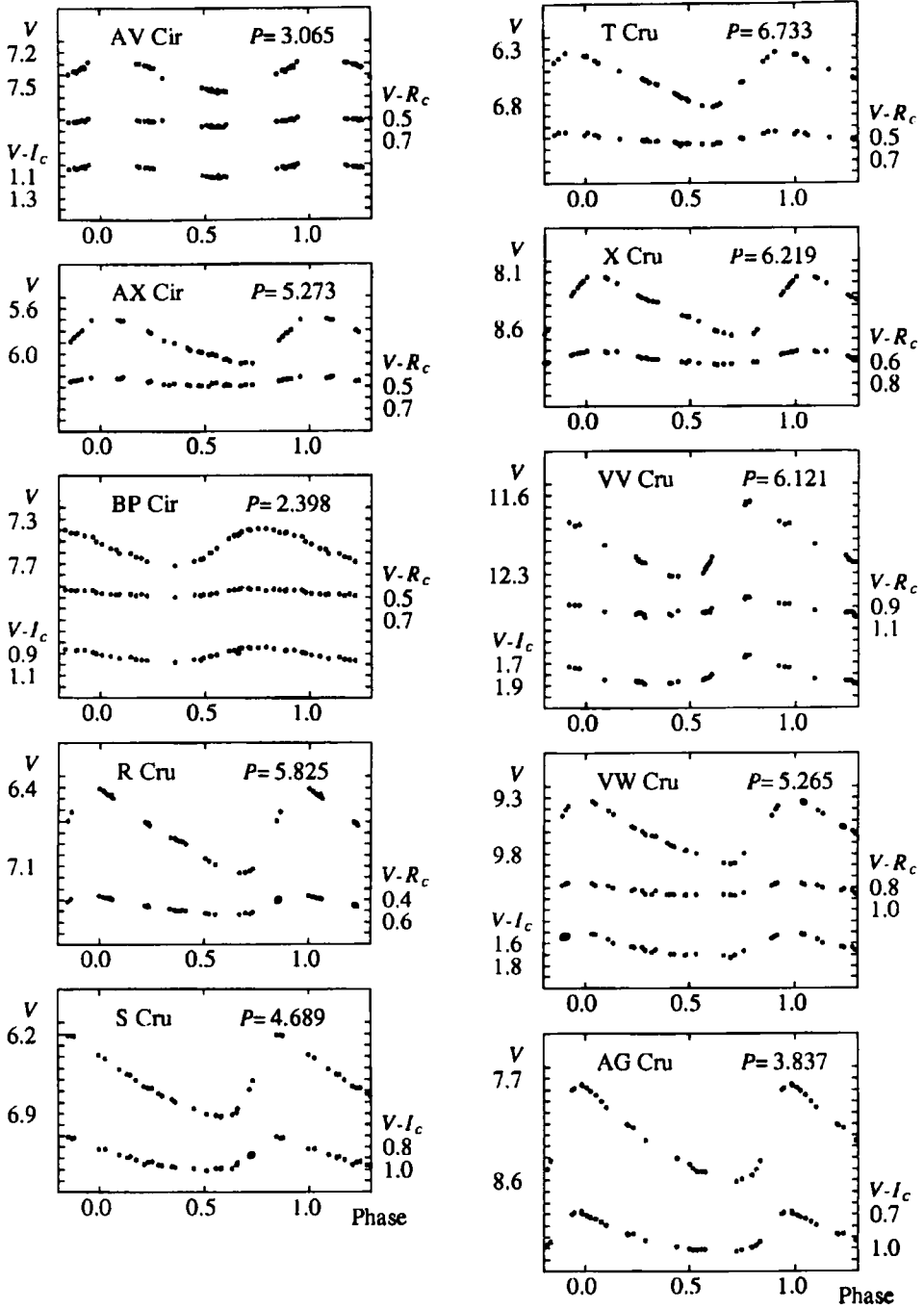


Figure 7 The light and colour curves for AV Cir, AX Cir, BP Cir, R Cru, S Cru, T Cru, X Cru, VV Cru, VW Cru, and AG Cru.

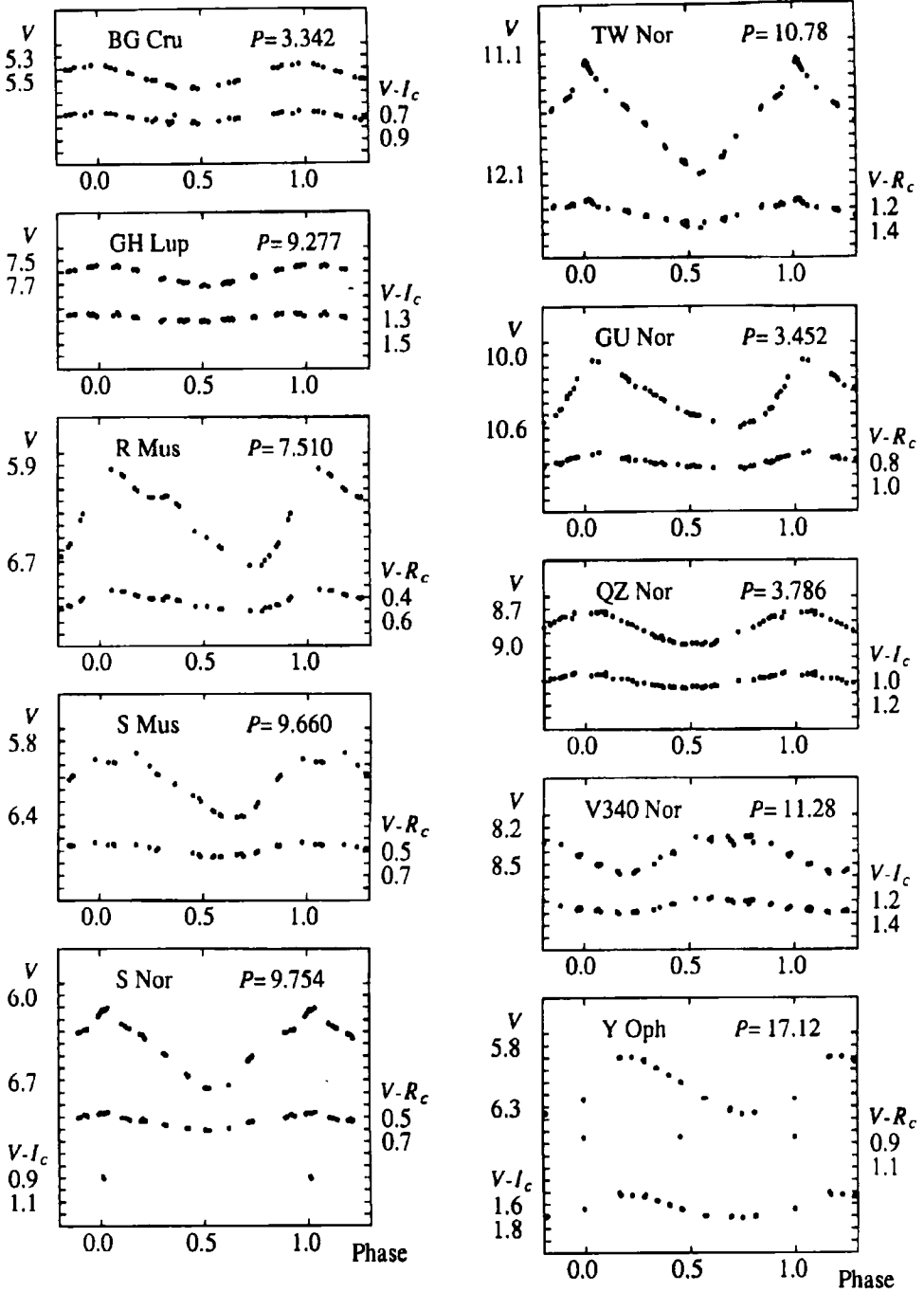


Figure 8 The light and colour curves for BG Cru, GH Lup, R Mus, S Mus, S Nor, TW Nor, GU Nor, QZ Nor, V340 Nor, and Y Oph.

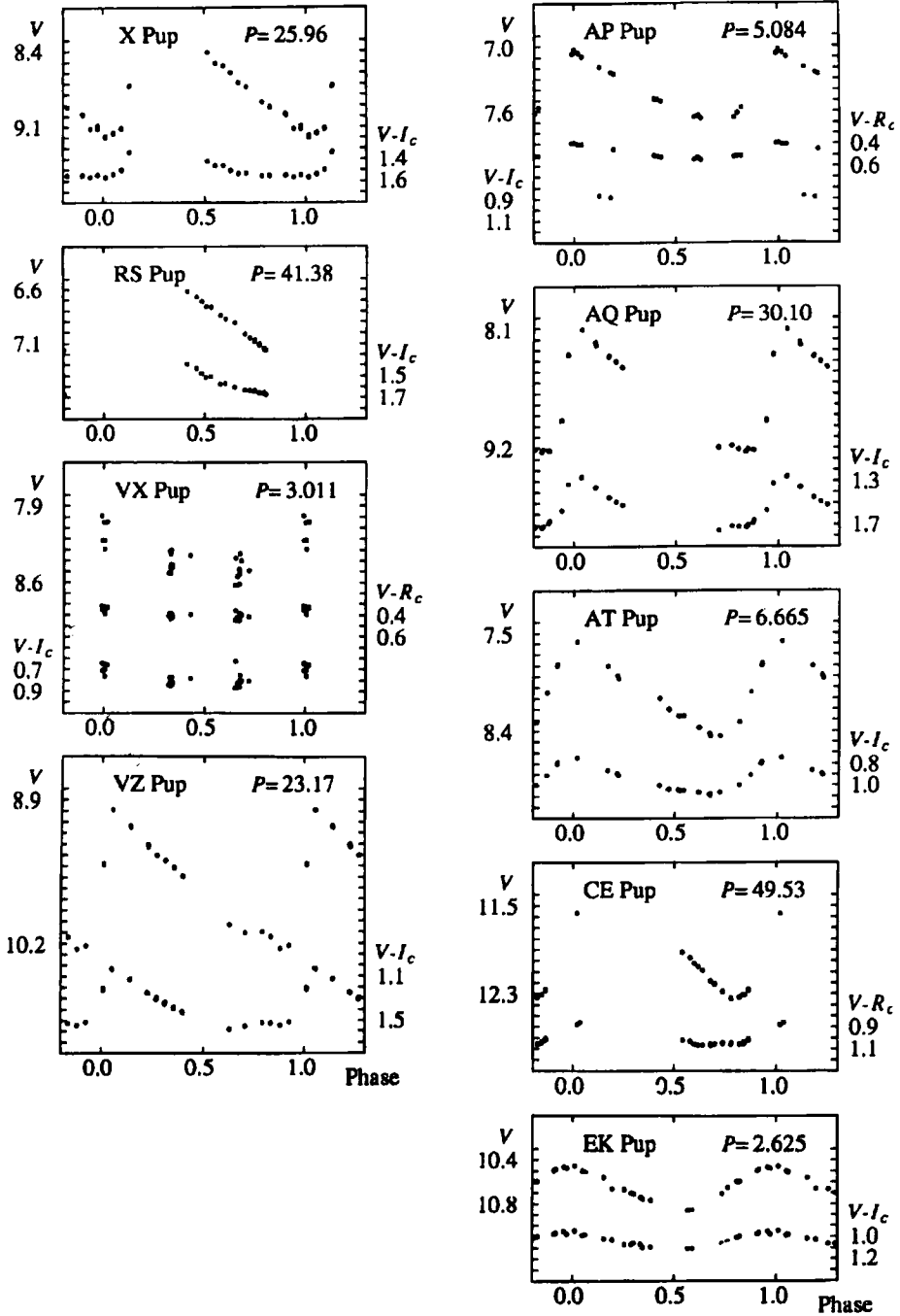


Figure 9 The light and colour curves for X Pup, RS Pup, VX Pup, VZ Pup, AP Pup, AQ Pup, AT Pup, CE Pup, and EK Pup.

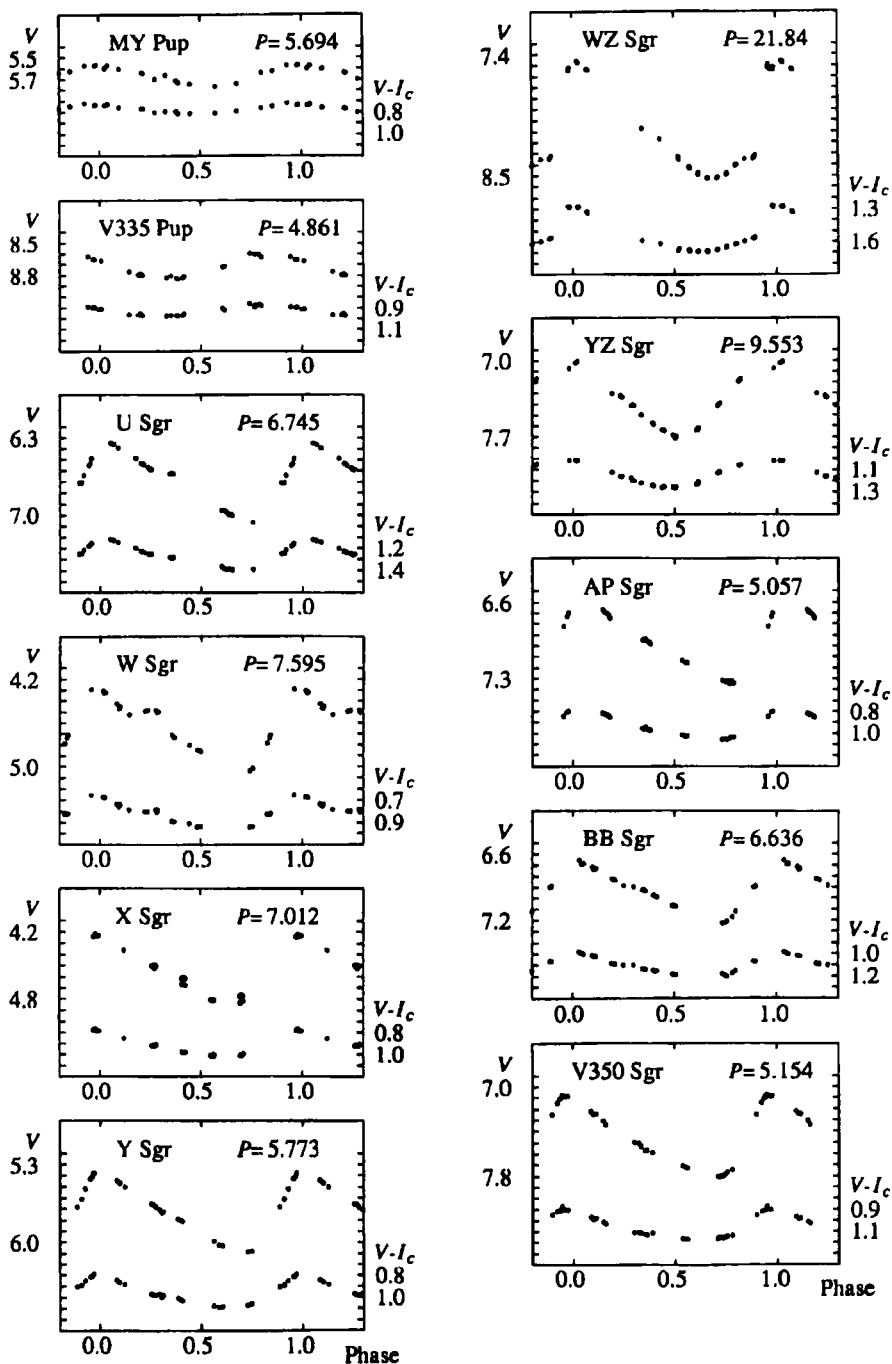


Figure 10 The light and colour curves for MY Pup, V335 Pup, U Sgr, W Sgr, X Sgr, Y Sgr, WZ Sgr, YZ Sgr, AP Sgr, BB Sgr, and V350 Sgr.

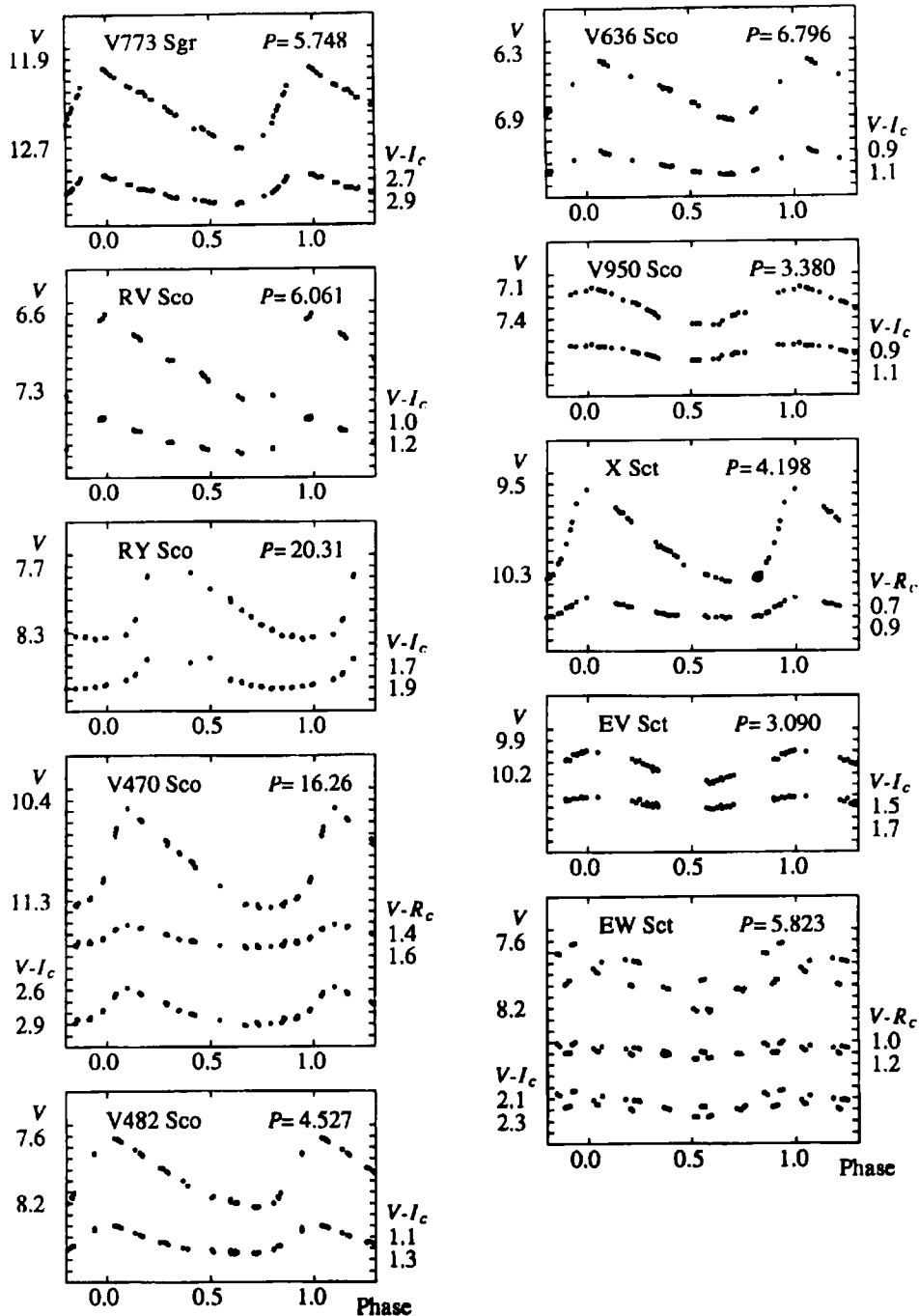


Figure 11 The light and colour curves for V773 Sgr, RV Sco, RY Sco, V470 Sco, V482 Sco, V636 Sco, V950 Sco, X Sct, EV Sct, and EW Sct.

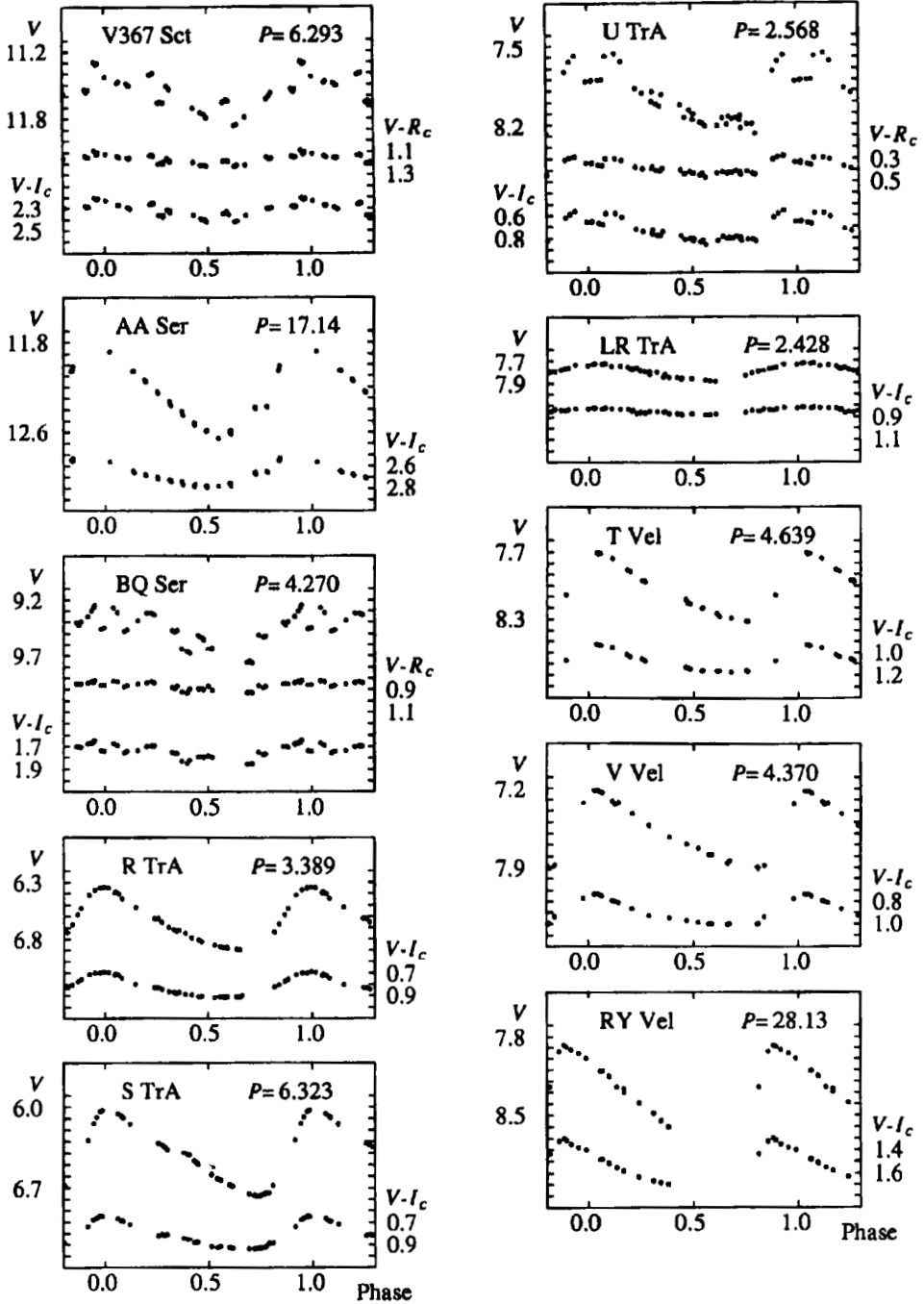


Figure 12 The light and colour curves for V367 Sct, AA Ser, BQ Ser, R TrA, S TrA, U TrA, LR TrA, T Vel, V Vel, and RY Vel.

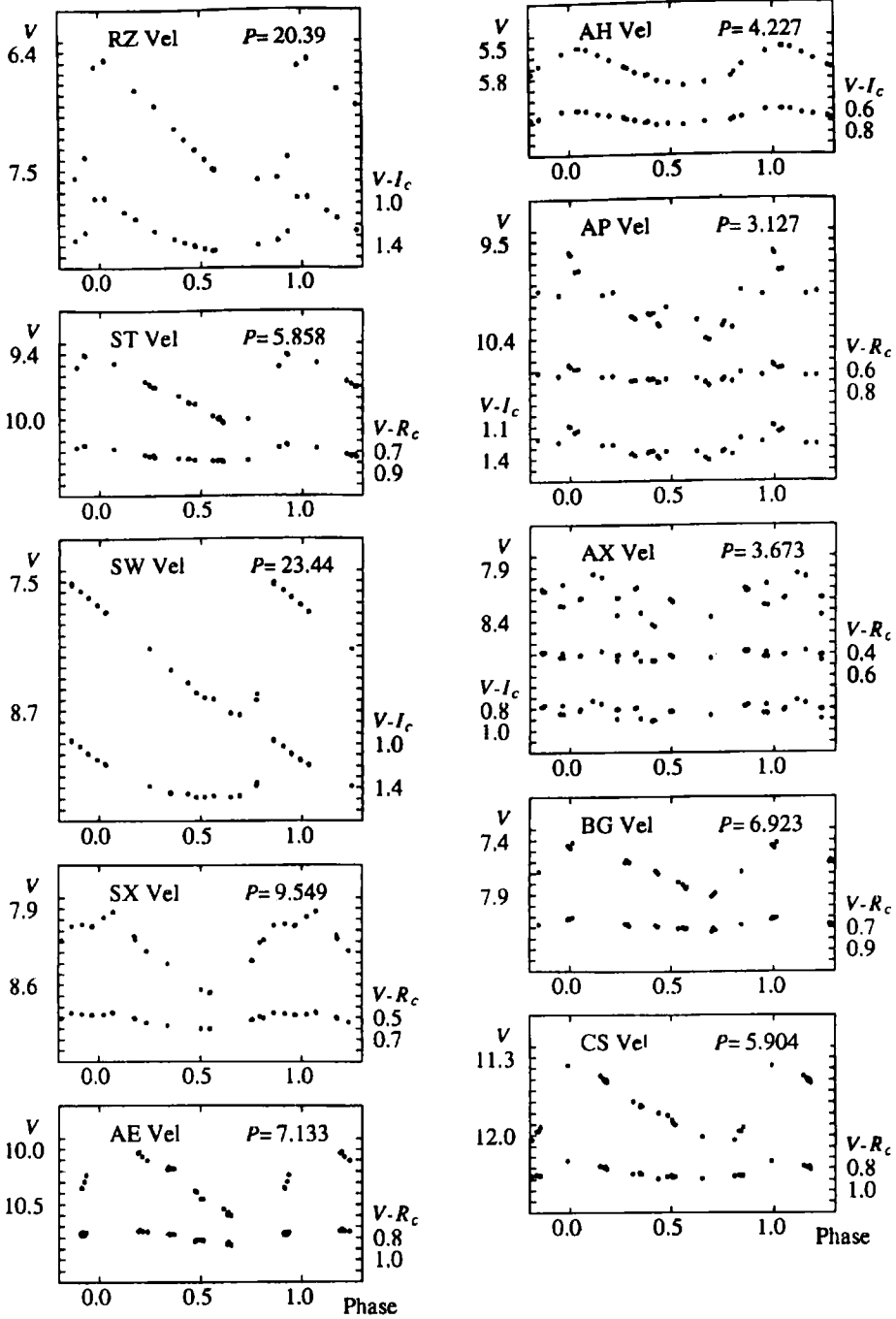


Figure 13 The light and colour curves for RZ Vel, ST Vel, SW Vel, SX Vel, AE Vel, AH Vel, AP Vel, AX Vel, BG Vel, and CS Vel.

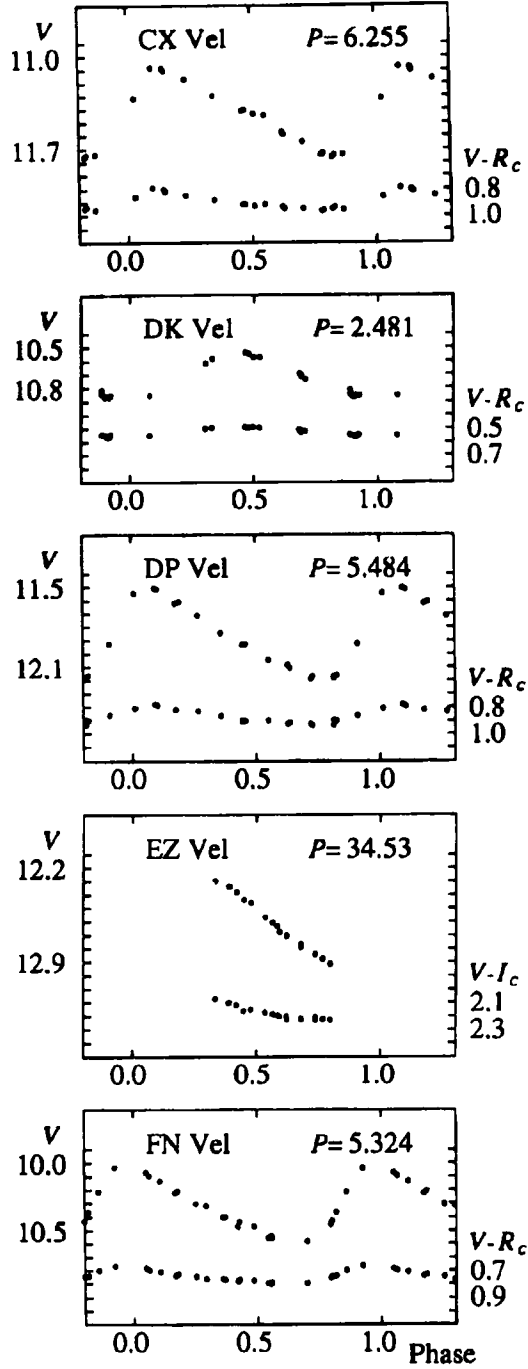


Figure 14 The light and colour curves for CX Vel, DK Vel, DP Vel, EZ Vel and FN Vel.

Appendix B

Table 1.

<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>
KL Aql									
570.6299	.005	9.830	-	.861	580.5892	.636	10.514	-	1.147
573.6094	.493	10.376	-	1.109	580.6381	.644	10.547	-	1.132
575.5927	.818	10.323	-	1.030	582.5694	.960	9.837	-	.847
575.6437	.826	10.266	-	1.008	582.6168	.968	9.839	-	.854
576.6291	.988	9.825	-	.865	582.6632	.976	9.813	-	.839
576.6590	.993	9.827	-	.875	583.5613	.123	9.983	-	.940
577.6089	.148	10.009	-	.964	584.5505	.285	10.175	-	1.052
577.6534	.155	10.012	-	.969	584.6087	.294	10.182	-	1.048
578.5986	.310	10.200	-	1.052	584.6539	.301	10.193	-	1.057
578.6539	.319	10.204	-	1.064					
V493 Aql									
570.6134	.885	10.756	-	1.349	578.5297	.534	11.296	-	1.583
572.5716	.540	11.306	-	1.589	578.5953	.556	11.293	-	1.593
572.6237	.558	11.301	-	1.600	578.6515	.575	11.294	-	1.594
573.5140	.856	10.842	-	1.386	580.4743	.185	11.004	-	1.501
573.6017	.885	10.746	-	1.355	580.5837	.222	11.030	-	1.531
574.5374	.198	11.006	-	1.504	580.6350	.239	11.074	-	1.526
574.5962	.218	11.019	-	1.504	582.5656	.885	10.751	-	1.352
575.5813	.548	11.305	-	1.593	582.6131	.901	10.734	-	1.344
575.6443	.569	11.295	-	1.572	582.6605	.917	10.694	-	1.332
576.5447	.870	10.813	-	1.384	583.5567	.217	11.051	-	1.521
576.6239	.896	10.724	-	1.354	583.6143	.236	11.080	-	1.535
576.6590	.908	10.699	-	1.350	584.5477	.549	11.298	-	1.588
577.5516	.207	11.020	-	1.508	584.6038	.567	11.311	-	1.585
577.6086	.226	11.042	-	1.520	584.6517	.583	11.319	-	1.598
577.6502	.240	11.051	-	1.529					
V340 Ara									
568.5446	.346	10.205	.901	1.697	577.5935	.781	10.655	.949	1.771
570.4864	.439	10.337	.928	1.750	577.6359	.783	10.657	.949	1.787
572.4292	.533	10.516	.955	1.804	578.4842	.824	10.560	.936	1.748
572.5382	.538	10.518	.954	1.804	578.5765	.828	10.565	.935	1.758
573.4004	.579	10.569	.956	1.784	578.6313	.831	10.555	.939	1.747
573.4821	.583	10.579	.955	1.803	579.5359	.874	10.478	.907	1.707
573.5767	.588	10.590	.960	1.796	580.4573	.918	10.446	.881	1.677
574.5114	.633	10.686	.980	1.832	580.5699	.924	10.442	.894	1.679
575.3797	.674	10.714	.962	1.826	580.6193	.926	10.426	.879	1.674
575.4752	.679	10.722	.970	1.800	582.4725	.015	9.643	.727	1.417
575.5617	.683	10.709	.966	1.812	582.5950	.021	9.675	.727	1.418
575.6266	.686	10.718	.964	1.819	582.6427	.023	9.632	.726	1.401
576.4671	.727	10.697	.964	1.812	583.4776	.064	9.663	.734	1.433
576.5236	.729	10.697	.964	1.807	583.5954	.069	9.679	.743	1.437
576.5870	.732	10.716	.956	1.806	584.4349	.110	9.740	.760	1.488
576.6448	.735	10.684	.958	1.799	584.5870	.117	9.763	.779	1.499
577.5347	.778	10.651	.954	1.773	584.6351	.119	9.774	.791	1.505

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>
VZ CMa									
543.2573	.452	9.635	-	1.334	576.2434	.003	9.275	-	1.192
568.2454	.445	9.602	-	1.326	578.2135	.634	9.414	-	1.235
570.2294	.080	9.359	-	1.234	578.2386	.642	9.421	-	1.234
571.2157	.395	9.597	-	1.331	579.1967	.948	9.223	-	1.194
572.2127	.714	9.333	-	1.215	579.2779	.974	9.263	-	1.198
573.2245	.038	9.308	-	1.224	580.2119	.273	9.561	-	1.316
575.2141	.674	9.365	-	1.230	580.2470	.284	9.592	-	1.312
575.2374	.682	9.357	-	1.218	581.2288	.598	9.488	-	1.262
576.2085	.992	9.265	-	1.190	581.2351	.600	9.490	-	1.267
581.2393	.601	9.491	-	1.267	583.2560	.247	9.540	-	1.304
582.1997	.909	9.227	-	1.176	584.2120	.552	9.524	-	1.276
582.2579	.927	9.229	-	1.180	584.2430	.562	9.527	-	1.293
583.2220	.236	9.481	-	1.296					
U Car									
568.2049	.514	6.295	-	1.335	581.1950	.848	6.805	-	1.430
570.2159	.566	6.369	-	1.336	581.2090	.849	6.805	-	1.434
571.2027	.591	6.387	-	1.368	582.1850	.874	6.845	-	1.442
572.1974	.617	6.439	-	1.390	582.1861	.874	6.853	-	1.458
573.1973	.642	6.444	-	1.380	582.2554	.876	6.826	-	1.431
575.1967	.694	6.516	-	1.399	583.2158	.901	6.813	-	1.434
576.1949	.720	6.554	-	1.393	583.2528	.902	6.865	-	1.439
578.1901	.771	6.592	-	1.406	584.1871	.926	6.880	-	1.413
579.1891	.797	6.677	-	1.426	584.1880	.926	6.880	-	1.414
579.2760	.799	6.744	-	1.471	584.2707	.928	6.882	-	1.424
580.1919	.823	6.740	-	1.423					
V Car									
543.2385	.583	7.630	-	1.047	578.2001	.804	7.452	-	.965
568.2219	.314	7.330	-	.959	580.1998	.102	7.170	-	.870
570.2211	.612	7.637	-	1.044	581.2156	.254	7.307	-	.941
571.2114	.760	7.601	-	1.007	582.1986	.401	7.440	-	.996
572.2077	.909	7.237	-	.868	582.2864	.414	7.443	-	1.001
573.2201	.060	7.112	-	.840	583.2227	.554	7.578	-	1.039
575.2063	.356	7.370	-	.989	583.2566	.559	7.582	-	1.038
576.2026	.505	7.523	-	1.024	584.1978	.699	7.675	-	1.036
576.2436	.511	7.520	-	1.024	584.2722	.710	7.673	-	1.045
Y Car									
541.5112	.005	8.122	.344	.679	578.2706	.104	7.679	.251	.511
542.5079	.279	7.888	.324	.630	578.3114	.115	7.674	.257	.527
568.3442	.377	8.018	.353	.697	579.3986	.414	8.243	.395	.783
570.3088	.917	8.124	.345	.677	580.2849	.658	8.473	.428	.839
571.2867	.185	7.945	.328	.650	580.3687	.681	8.468	.426	.830
572.2761	.457	8.313	.411	.809	582.3077	.213	8.056	.340	.689
573.2842	.734	8.313	.395	.769	582.3793	.233	8.058	.352	.695
575.2790	.282	7.966	.327	.660	583.2949	.485	8.192	.381	.744
575.3924	.313	7.970	.336	.673	583.3683	.505	8.191	.379	.741
576.2854	.559	8.212	.382	.771	584.2874	.757	8.310	.386	.777

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>
576.3762	.584	8.230	.390	.773	584.3582	.777	8.324	.404	.782
577.3793	.859	8.471	.418	.808					
SX Car									
568.3743	.074	8.781	.467	.939	578.2779	.112	8.842	.484	.978
570.3239	.475	9.281	.576	1.139	578.3190	.120	8.862	.492	.979
571.3003	.676	9.446	.621	1.198	579.4102	.344	9.162	.562	1.118
572.2938	.880	8.982	.495	.986	580.3038	.528	9.337	.588	1.162
573.2968	.087	8.797	.471	.935	580.3762	.543	9.329	.594	1.161
574.4257	.319	9.120	.548	1.093	582.3177	.943	8.725	.431	.887
575.2922	.497	9.306	.589	1.154	582.3903	.958	8.690	.432	.870
575.3999	.519	9.319	.588	1.162	583.3090	.147	8.908	.497	1.001
576.2976	.704	9.447	.600	1.172	583.3890	.163	8.923	.502	1.003
576.3851	.722	9.439	.598	1.163	584.2960	.350	9.159	.555	1.105
577.3870	.928	8.785	.434	.890					
541.4917	.505	9.633	.667	-	568.3391	.527	9.652	.653	-
542.4970	.693	9.799	.682	-	570.3007	.894	9.410	.575	-
UW Car									
571.2828	.078	9.086	.549	-	579.3947	.596	9.749	.680	-
572.2726	.263	9.337	.602	-	580.2820	.761	9.828	.672	-
573.2811	.452	9.566	.657	-	580.3659	.777	9.804	.656	-
575.2759	.825	9.727	.648	-	582.3050	.140	9.174	.555	-
575.3890	.846	9.636	.627	-	582.3767	.153	9.196	.574	-
576.2824	.013	8.990	.494	-	583.2923	.325	9.443	.629	-
576.3735	.030	9.001	.496	-	583.3657	.338	9.457	.631	-
577.3689	.217	9.299	.581	-	584.2849	.510	9.646	.656	-
578.2679	.385	9.525	.628	-	584.3555	.524	9.650	.656	-
578.3088	.392	9.507	.633	-					
UX Car									
541.5035	.968	7.904	-	.553	578.2693	.953	7.997	-	.595
542.5044	.240	8.206	-	.739	578.3100	.964	7.921	-	.571
568.3420	.257	8.218	-	.745	579.3965	.259	8.236	-	.756
570.3033	.789	8.597	-	.835	580.2833	.500	8.527	-	.848
571.2846	.056	7.908	-	.584	580.3673	.522	8.537	-	.857
572.2745	.325	8.317	-	.790	582.3064	.049	7.876	-	.579
573.2827	.598	8.587	-	.876	582.3779	.068	7.899	-	.581
575.2775	.140	8.033	-	.653	583.2936	.317	8.297	-	.786
575.3905	.171	8.073	-	.675	583.3670	.337	8.317	-	.789
576.2839	.413	8.422	-	.820	584.2861	.587	8.590	-	.877
576.3748	.438	8.449	-	.844	584.3569	.606	8.592	-	.868
577.3777	.710	8.659	-	.880					
UY Car									
541.5057	.166	8.763	.438	-	578.2699	.798	9.255	.517	-
542.5058	.347	8.992	.506	-	578.3107	.805	9.202	.517	-
568.3429	.007	8.566	.386	-	579.3972	.001	8.568	.380	-
570.3045	.361	8.997	.491	-	580.2842	.161	8.774	.448	-
571.2855	.538	9.196	.546	-	580.3679	.176	8.802	.461	-
572.2753	.717	9.326	.567	-	582.3070	.526	9.182	.536	-

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>
573.2835	.899	8.832	.434	-	582.3786	.539	9.186	.539	-
575.2782	.258	8.892	.483	-	583.2942	.704	9.324	.545	-
575.3917	.279	8.905	.484	-	583.3676	.718	9.323	.544	-
576.2846	.440	9.078	.522	-	584.2868	.883	8.909	.453	-
576.3755	.456	9.097	.525	-	584.3576	.896	8.852	.444	-
577.3784	.637	9.297	.541	-					
UZ Car									
542.5266	.505	9.551	-	1.061	578.2733	.373	9.422	.534	1.031
568.3526	.467	9.494	.550	1.055	578.3146	.381	9.432	.533	1.029
570.3129	.844	9.224	.454	.892	579.4016	.590	9.611	.556	1.076
571.2902	.032	9.061	.442	.861	580.2976	.762	9.531	.523	1.011
572.2851	.223	9.276	.500	.983	580.3720	.777	9.456	.508	.989
573.2910	.416	9.455	.539	1.037	582.3121	.149	9.203	.474	.936
575.2847	.799	9.411	.499	.972	582.3847	.163	9.208	.484	.936
575.3935	.820	9.318	.486	.949	583.2981	.339	9.411	.521	1.023
576.2889	.992	9.024	.424	.838	583.3830	.355	9.423	.530	1.024
576.3795	.009	9.038	.434	.846	584.2907	.529	9.566	.545	1.058
577.3820	.202	9.269	.488	.963	584.3616	.543	9.572	.550	1.068
VY Car									
568.2184	.165	7.500	.596	-	575.2037	.535	7.376	.643	-
570.2204	.271	6.913	.494	-	576.2014	.587	7.438	.648	-
571.2103	.323	7.002	.530	-	576.2406	.589	7.456	.665	-
572.2057	.376	7.105	.576	-	578.1980	.693	7.598	.678	-
573.2117	.429	7.162	-	1.131	580.1988	.799	7.861	.727	-
581.2144	.853	7.940	.742	-	583.2566	.961	7.952	.721	-
582.1963	.904	7.987	.738	-	584.1969	.010	7.867	.698	-
582.2859	.909	7.978	.745	-	584.2723	.014	7.858	.694	-
583.2225	.959	7.953	.722	-					
WW Car									
568.3787	.850	9.906	.581	1.146	578.2806	.967	9.351	.450	.934
570.3276	.267	9.689	.550	1.111	578.3221	.976	9.344	.448	.935
571.3043	.476	9.948	.621	1.213	579.4128	.209	9.631	.550	1.093
572.2973	.688	10.099	.637	1.250	580.3078	.401	9.866	.595	1.190
573.3012	.903	9.618	.506	1.030	580.3785	.416	9.853	.589	1.181
574.4286	.144	9.515	.500	1.031	582.3216	.831	9.996	.571	1.187
575.2953	.329	9.779	.582	1.166	582.3958	.847	9.922	.561	1.132
575.4023	.352	9.790	.577	1.174	583.3123	.043	9.381	.476	.965
576.3008	.544	9.985	.594	1.208	583.3918	.060	9.405	.481	.975
576.3881	.563	9.999	.599	1.218	584.2988	.254	9.690	.551	1.112
577.3897	.777	10.108	.629	1.210	584.3789	.271	9.708	.563	1.129
WZ Car									
542.5475	.074	8.674	-	1.018	578.3286	.629	9.631	-	1.498
568.3940	.197	8.884	-	1.189	578.4150	.633	9.654	-	1.494
570.3442	.282	9.014	-	1.270	579.4189	.676	9.710	-	1.515
571.3130	.324	9.123	-	1.329	580.3160	.715	9.744	-	1.498
572.3061	.367	9.165	-	1.367	580.3842	.718	9.744	-	1.505
573.3115	.411	9.228	-	1.387	582.3367	.803	9.778	-	1.474
573.4076	.415	9.222	-	1.372	582.4016	.806	9.784	-	1.468

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>
574.4357	.460	9.317	-	1.416	583.3186	.846	9.836	-	1.479
575.3020	.498	9.401	-	1.461	583.3979	.849	9.844	-	1.480
575.4092	.502	9.395	-	1.447	584.3189	.889	9.856	-	1.461
576.3080	.541	9.485	-	1.475	584.3848	.892	9.843	-	1.466
576.3944	.545	9.475	-	1.462					
XX Car									
542.5492	.212	9.710	-	1.419	578.3334	.488	9.728	-	1.350
568.4098	.857	9.060	-	1.177	578.4193	.494	9.731	-	1.343
570.3515	.981	9.247	-	1.265	579.4228	.558	9.657	-	1.303
572.3133	.105	9.498	-	1.380	580.3208	.615	9.130	-	1.085
573.3169	.169	9.618	-	1.405	580.3876	.619	9.051	-	1.063
573.4120	.175	9.627	-	1.392	582.3405	.743	8.901	-	1.049
574.4405	.241	9.766	-	1.426	582.4056	.748	8.907	-	1.056
575.3063	.296	9.853	-	1.445	583.3231	.806	9.003	-	1.130
575.4103	.302	9.851	-	1.444	583.4025	.811	9.008	-	1.127
576.3127	.360	9.878	-	1.426	584.3256	.870	9.099	-	1.179
576.4023	.366	9.879	-	1.430	584.3887	.874	9.103	-	1.188
XZ Car									
542.5683	.075	8.110	-	1.144	578.3492	.224	8.312	-	1.302
568.4181	.628	8.984	-	1.521	578.4275	.229	8.326	-	1.299
570.3586	.744	9.064	-	1.495	579.4291	.289	8.413	-	1.367
572.3250	.862	8.831	-	1.419	580.3278	.343	8.508	-	1.389
573.3229	.922	8.821	-	1.392	580.3933	.347	8.500	-	1.396
573.4178	.928	8.813	-	1.367	582.3464	.464	8.705	-	1.464
574.4465	.990	8.472	-	1.239	582.4139	.468	8.717	-	1.458
575.3148	.042	8.108	-	1.135	583.3398	.524	8.831	-	1.494
575.4118	.048	8.080	-	1.123	583.4097	.528	8.835	-	1.489
576.3178	.102	8.101	-	1.158	584.3319	.583	8.938	-	1.514
576.4079	.108	8.118	-	1.180	584.3947	.587	8.936	-	1.508
YZ Car									
541.4957	.781	9.056	-	1.432	578.2685	.806	9.075	-	1.412
542.5032	.837	9.044	-	1.405	578.3094	.808	9.043	-	1.407
568.3409	.259	8.407	-	1.173	579.3954	.868	9.038	-	1.402
570.3024	.367	8.542	-	1.250	580.2826	.917	9.020	-	1.364
571.2837	.421	8.664	-	1.314	580.3666	.921	9.013	-	1.367
572.2735	.476	8.726	-	1.356	582.3057	.028	8.800	-	1.278
573.2820	.531	8.812	-	1.374	582.3773	.032	8.765	-	1.268
575.2768	.641	8.970	-	1.425	583.2929	.082	8.491	-	1.157
575.3898	.647	8.959	-	1.411	583.3663	.086	8.458	-	1.144
576.2831	.697	9.018	-	1.427	584.2855	.137	8.263	-	1.080
576.3742	.702	9.022	-	1.422	584.3562	.141	8.259	-	1.082
577.3769	.757	9.075	-	1.438					
CF Car									
568.4402	.454	12.298	-	1.616	579.4271	.453	12.311	.807	-
570.3561	.802	12.187	.788	-	580.3256	.617	12.444	.844	-
572.3229	.160	12.090	.788	-	580.3270	.617	12.411	.821	-
573.3212	.342	12.205	.799	-	580.3917	.629	12.427	.830	-

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>
573.4161	.359	12.210	.786	-	582.3443	.984	11.923	.723	-
574.4449	.546	12.363	.845	-	582.4125	.996	11.905	.703	-
575.3133	.704	12.389	.816	-	583.3377	.165	12.099	.768	-
576.3162	.887	11.993	.723	-	583.4081	.178	12.082	.778	-
576.4060	.903	11.957	.723	-	584.3299	.345	12.236	.803	-
578.3479	.257	12.177	.783	-	584.3932	.357	12.248	.817	-
578.4258	.271	12.185	.810	-					
CN Car									
541.4797	.052	10.318	-	1.148	578.2647	.510	10.871	.716	-
542.4924	.257	10.576	-	1.297	578.3052	.518	10.846	.713	-
568.3286	.495	10.830	.709	-	580.2783	.918	10.662	.648	-
570.2956	.894	10.786	.701	-	580.3631	.935	10.590	.632	-
571.2753	.093	10.392	.615	-	582.2417	.316	10.660	.677	-
572.2679	.294	10.620	.677	-	582.3014	.328	10.662	.676	-
573.2778	.499	10.825	.714	-	583.2889	.528	10.868	.728	-
575.2733	.903	10.724	.672	-	583.3286	.536	10.867	.726	-
576.2798	.107	10.395	.606	-	584.2810	.729	11.006	.730	-
576.3678	.125	10.408	.597	-	584.3134	.736	11.008	.730	-
577.3632	.327	10.672	.670	-					
CS Car									
541.5190	.638	13.806	-	-	578.2720	.155	13.241	-	2.261
542.5195	.788	13.500	1.148	2.264	578.3131	.161	13.206	-	2.202
568.3475	.665	13.817	-	2.475	579.4000	.324	13.380	-	2.295
570.3109	.960	12.880	-	2.032	580.2954	.458	13.664	-	2.426
571.2883	.106	13.047	-	2.123	580.3702	.470	13.609	-	2.383
572.2781	.255	13.254	-	2.250	582.3107	.761	13.608	-	2.324
573.2895	.407	13.462	-	2.296	582.3831	.772	13.596	-	2.342
575.2818	.706	13.750	-	2.399	583.2967	.909	12.959	-	2.051
576.2871	.857	13.192	-	2.155	583.3813	.922	12.942	-	2.058
576.3778	.870	13.104	-	2.120	584.2889	.058	13.067	-	2.137
577.3806	.021	13.036	-	2.126	584.3597	.068	13.079	-	2.147
CT Car									
568.3677	.895	12.640	.895	-	574.4215	.230	11.805	.705	-
570.3148	.003	12.423	.820	-	575.2888	.278	11.894	.755	-
571.2918	.057	12.410	.805	-	575.3945	.284	11.914	.749	-
572.2866	.112	11.842	.688	-	576.2932	.334	11.990	.767	-
573.2924	.168	11.711	.682	-	576.3807	.339	11.973	.768	-
577.3835	.394	12.090	.811	-	582.3140	.668	12.542	.893	-
578.2744	.444	12.132	.819	-	582.3861	.672	12.530	.895	-
578.3160	.446	12.140	.834	-	583.2995	.722	12.631	.917	-
579.4028	.506	12.265	.861	-	583.3845	.727	12.629	.913	-
580.2996	.556	12.335	.862	-	584.2920	.777	12.693	.913	-
580.3731	.560	12.319	.866	-	584.3632	.781	12.689	.908	-
ER Car									
568.4199	.222	6.706	.446	-	578.4283	.519	7.054	.510	-
570.3599	.473	6.985	.497	-	579.4300	.648	7.138	.514	-
572.3260	.728	7.037	.493	-	580.3286	.765	6.940	.462	-

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>
573.3239	.857	6.741	.425	-	580.3941	.773	6.915	.457	-
573.4187	.870	6.700	.414	-	582.3475	.026	6.599	.397	-
574.4475	.003	6.578	.389	-	582.4147	.035	6.602	.398	-
575.3156	.115	6.688	.427	-	583.3406	.155	6.705	.436	-
575.4128	.128	6.690	.428	-	583.4106	.164	6.699	.437	-
576.3186	.245	6.733	.450	-	584.3326	.284	6.784	.457	-
576.4088	.257	6.742	.448	-	584.3954	.292	6.790	.458	-
578.3500	.508	7.034	.507	-					
EY Car									
568.3720	.943	10.261	.529	1.068	578.2765	.387	10.369	.567	1.133
570.3217	.621	10.523	.569	1.145	578.3181	.401	10.385	.563	1.132
571.2954	.959	-	.533	1.073	579.4085	.780	10.566	.593	1.185
572.2925	.306	10.302	.561	1.119	580.3022	.091	10.075	.488	.990
573.2957	.655	10.512	.572	1.150	580.3753	.117	-	.485	.996
574.4246	.047	10.060	.480	.985	582.3163	.791	10.528	.557	1.155
575.2912	.349	10.361	.560	1.135	582.3887	.817	10.500	.571	1.136
575.3990	.386	10.388	.580	1.135	583.3022	.134	10.144	.512	1.036
576.2960	.698	10.543	.573	1.178	583.3873	.164	10.167	.516	1.046
576.3832	.728	10.539	.571	1.152	584.2951	.479	10.463	.582	1.160
577.3860	.077	-	.517	1.011	584.3661	.504	10.466	.570	1.154
FI Car									
568.3812	.846	11.487	-	1.700	578.3235	.585	11.930	-	1.886
570.3341	.991	11.252	-	1.655	579.4139	.666	11.803	-	1.843
571.3059	.063	11.371	-	1.733	580.3111	.732	11.699	-	1.783
572.2988	.137	11.470	-	1.786	580.3795	.737	11.672	-	1.772
574.4301	.295	11.714	-	1.861	582.3319	.882	11.340	-	1.653
575.2963	.360	11.824	-	1.908	582.3969	.887	11.327	-	1.640
576.3023	.434	11.937	-	1.928	583.3135	.955	11.257	-	1.653
576.3893	.441	11.931	-	1.920	583.3929	.961	11.257	-	1.655
577.3912	.515	12.009	-	1.905	584.2999	.029	11.313	-	1.686
578.2818	.581	11.937	-	1.897	584.3801	.035	11.312	-	1.692
FK Car									
568.3868	.058	12.957	1.120	-	577.3930	.445	12.101	1.038	-
570.3370	.142	12.973	1.094	-	578.4117	.489	12.156	1.038	-
571.3080	.183	13.000	1.145	-	580.3136	.571	12.310	1.120	-
572.3014	.226	13.106	1.177	-	580.3810	.574	12.328	1.129	-
573.3045	.269	12.843	1.060	-	582.3335	.658	12.407	1.142	-
574.4320	.318	12.075	.965	-	582.3986	.660	12.426	1.155	-
575.2983	.355	11.884	.958	-	583.3151	.700	12.486	1.154	-
575.4035	.360	11.850	.955	-	583.3945	.703	12.440	1.105	-
576.3039	.398	11.997	.991	-	584.3818	.746	12.554	1.126	-
576.3909	.402	11.943	.982	-					
FZ Car									
568.3902	.821	12.039	-	1.578	570.3411	.366	11.997	-	1.565
571.3109	.637	12.171	-	1.640	579.4173	.903	11.966	-	1.548
572.3042	.915	11.943	-	1.545	580.3148	.154	11.838	-	1.501
573.3097	.196	11.851	-	1.502	580.3827	.172	11.838	-	1.508

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>
574.4342	.510	12.114	-	1.615	582.3353	.718	12.123	-	1.611
575.3005	.752	12.098	-	1.600	582.4000	.736	12.112	-	1.593
576.3058	.033	11.853	-	1.503	583.3171	.993	11.871	-	1.510
576.3928	.057	11.820	-	1.481	583.3967	.015	11.848	-	1.491
578.3272	.598	12.164	-	1.641	584.3177	.272	11.941	-	1.546
578.4136	.622	12.159	-	1.614	584.3835	.291	11.945	-	1.544
GH Car									
568.4209	.960	8.999	-	1.040	578.4290	.708	9.289	-	1.148
570.3610	.299	9.132	-	1.099	579.4309	.883	9.080	-	1.076
572.3297	.643	9.302	-	1.176	580.3292	.040	9.015	-	1.049
573.3246	.816	9.170	-	1.114	580.3947	.051	9.014	-	1.046
573.4195	.833	9.137	-	1.089	582.3483	.392	9.217	-	1.140
574.4481	.013	9.002	-	1.031	582.4154	.404	9.215	-	1.139
575.3163	.164	9.070	-	1.084	583.3415	.566	9.302	-	1.171
575.4134	.181	9.071	-	1.081	583.4112	.578	9.289	-	1.150
576.3193	.339	9.171	-	1.131	584.3334	.739	9.267	-	1.141
576.4096	.355	9.193	-	1.124	584.3960	.750	9.253	-	1.141
578.3511	.694	9.294	-	1.164					
GI Car									
568.4242	.769	8.403	-	.881	578.4305	.027	8.156	-	.779
570.3629	.207	8.205	-	.797	579.4328	.254	8.272	-	.846
572.3320	.651	8.470	-	.922	580.3307	.456	8.419	-	.899
573.3264	.875	8.317	-	.834	580.3965	.471	8.405	-	.886
573.4211	.897	8.279	-	.813	582.3502	.912	8.274	-	.828
574.4499	.129	8.142	-	.781	582.4175	.927	8.246	-	.815
575.3182	.325	8.334	-	.875	583.3433	.136	8.161	-	.784
575.4152	.347	8.343	-	.877	583.4126	.152	8.170	-	.785
576.3208	.551	8.440	-	.909	584.3352	.360	8.355	-	.864
576.4112	.572	8.471	-	.905	584.3973	.374	8.360	-	.871
578.3525	.010	8.163	-	.790					
GT Car									
542.5551	.889	12.992	-	1.917	578.3449	.608	12.792	-	1.853
568.4152	.853	13.037	-	1.951	578.4239	.614	12.801	-	1.847
570.3539	.001	13.027	-	1.913	579.4251	.690	12.861	-	1.878
572.3196	.150	12.981	-	1.911	580.3239	.758	12.938	-	1.920
573.3194	.226	12.873	-	1.857	580.3895	.763	12.916	-	1.905
573.4140	.233	12.861	-	1.841	582.3425	.912	13.033	-	1.949
574.4431	.311	12.794	-	1.817	582.4088	.917	13.038	-	1.923
575.3091	.377	12.758	-	1.834	583.3354	.987	13.062	-	1.952
576.3146	.454	12.696	-	1.801	584.3277	.062	13.050	-	1.943
576.4043	.460	12.699	-	1.803	584.3910	.067	13.039	-	1.923
GX Car									
568.3214	.508	9.521	.669	1.294	578.2625	.889	9.417	.610	1.200
570.2917	.782	9.704	.672	1.309	578.3030	.895	9.380	.617	1.205
571.2726	.918	9.325	.612	1.180	580.2763	.169	9.182	.588	1.153
572.2651	.056	8.991	.535	1.067	580.3611	.181	9.188	.575	1.162
573.2753	.196	9.191	.590	1.165	582.2392	.442	9.481	.672	1.299

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>
575.2711	.474	9.488	.660	1.299	582.2990	.450	9.468	.647	1.293
576.2775	.613	9.647	.690	1.345	583.2869	.587	9.621	.692	1.337
576.3658	.626	9.655	.688	1.335	583.3264	.593	9.622	.700	1.334
577.3611	.764	9.752	.677	1.336	584.2400	.720	9.768	.695	1.361
584.3113	.730	9.767	.699	1.348					
GZ Car									
541.4875	.095	10.079	.574	1.139	578.2671	.938	10.191	.583	1.164
542.4949	.337	10.344	.635	1.265	578.3073	.948	10.155	.580	1.166
568.3368	.551	10.335	.628	1.245	579.3936	.209	10.149	.587	1.188
570.2987	.022	9.969	.537	1.086	580.2805	.422	10.359	.638	1.258
571.2776	.258	10.231	.614	1.209	580.3645	.442	10.365	.639	1.255
572.2707	.496	10.448	.650	1.301	582.3036	.909	10.009	.533	1.093
573.2798	.739	10.208	.584	1.162	582.3751	.926	10.000	.543	1.090
575.2748	.219	10.297	.628	1.237	583.2909	.146	10.207	.599	1.198
575.3867	.246	10.318	.610	1.252	583.3642	.164	10.237	.613	1.223
576.2813	.461	10.317	.618	1.224	584.2835	.385	10.398	.635	1.271
576.3695	.482	10.315	.606	1.225	584.3542	.402	10.398	.639	1.269
577.3656	.721	10.340	.613	1.225					
HW Car									
568.3704	.789	9.279	.604	1.167	578.2757	.866	9.215	.593	1.144
570.3169	.001	9.100	.553	1.064	578.3173	.870	9.208	.579	1.135
571.2940	.107	9.036	.557	1.066	580.3014	.086	9.051	.540	1.055
572.2913	.215	8.989	.551	1.075	580.3745	.094	9.023	.547	1.066
573.2945	.325	9.002	.551	1.076	582.3155	.305	9.009	.549	1.077
574.4236	.447	9.117	.577	1.122	582.3877	.313	9.002	.554	1.073
575.2903	.541	9.217	.599	1.165	583.3013	.412	9.088	.572	1.114
575.3970	.553	9.221	.599	1.166	583.3863	.421	9.099	.577	1.119
576.2952	.651	9.310	.603	1.190	584.2943	.520	9.214	.600	1.157
576.3821	.660	9.306	.616	1.171	584.3653	.528	9.216	.603	1.164
577.3851	.769	9.335	.593	1.149					
II Car									
542.5410	.404	12.829	-	2.894	578.2792	.961	12.314	-	2.689
568.3764	.807	12.284	-	2.605	578.3203	.961	12.299	-	2.672
570.3255	.837	12.216	-	2.565	579.4113	.978	12.326	-	2.699
571.3024	.852	12.229	-	2.588	580.3062	.992	12.340	-	2.701
572.2952	.868	12.246	-	2.624	580.3771	.993	12.327	-	2.703
573.2988	.883	12.223	-	2.605	582.3189	.024	12.354	-	2.706
574.4268	.901	12.232	-	2.598	582.3924	.025	12.364	-	2.709
575.2936	.914	12.261	-	2.641	583.3106	.039	12.394	-	2.747
576.2989	.930	12.284	-	2.658	583.3901	.040	12.395	-	2.747
576.3866	.931	12.272	-	2.650	584.2972	.054	12.398	-	2.738
577.3883	.947	12.303	-	2.663	584.3690	.056	12.407	-	2.753
IM Car									
568.3962	.180	11.939	.792	-	578.4159	.057	11.812	.741	-
570.3463	.545	12.259	.841	-	579.4200	.245	12.016	.789	-
571.3145	.727	12.181	.827	-	580.3179	.414	12.167	.836	-
572.3074	.913	11.670	.706	-	580.3850	.426	12.158	.825	-

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>
573.3125	.101	11.839	.756	-	582.3375	.792	11.942	.751	-
573.4087	.119	11.862	.773	-	582.4024	.804	11.912	.751	-
574.4368	.312	12.053	.814	-	583.3197	.976	11.716	.709	-
575.3030	.474	12.243	.851	-	583.3987	.991	11.738	.726	-
576.3091	.663	12.268	.825	-	584.3226	.164	11.928	.779	-
576.3989	.679	12.259	.830	-	584.3857	.176	11.940	.777	-
578.3298	.041	11.787	.739	-					
I0 Car									
568.4066	.863	11.142	-	1.486	572.3117	.150	11.234	-	1.500
570.3494	.006	11.219	-	1.492	573.3153	.224	11.186	-	1.469
571.3173	.077	11.259	-	1.504	573.4107	.231	11.177	-	1.459
574.4393	.306	11.112	-	1.433	580.3869	.744	11.053	-	1.442
575.3050	.370	11.046	-	1.415	582.3392	.887	11.177	-	1.498
576.3111	.444	10.967	-	1.383	582.4042	.892	11.174	-	1.481
576.4008	.451	10.948	-	1.368	583.3215	.959	11.221	-	1.499
578.3321	.593	10.947	-	1.392	583.4006	.965	11.216	-	1.496
578.4179	.599	10.967	-	1.379	584.3242	.033	11.246	-	1.502
579.4217	.673	11.012	-	1.423	584.3874	.038	11.250	-	1.501
580.3193	.739	11.063	-	1.439					
IT Car									
568.4223	.357	8.111	-	1.060	578.4296	.686	8.257	-	1.075
570.3619	.615	8.266	-	1.076	579.4316	.819	8.068	-	1.017
572.3308	.876	8.009	-	.995	580.3299	.938	7.947	-	.966
573.3254	.008	7.930	-	.969	580.3954	.947	7.940	-	.968
573.4202	.021	7.944	-	.975	582.3491	.206	8.027	-	1.023
574.4488	.157	8.007	-	1.014	582.4161	.215	8.022	-	1.019
575.3170	.272	8.078	-	1.057	583.3425	.338	8.124	-	1.061
575.4141	.285	8.080	-	1.052	583.4118	.347	8.120	-	1.064
576.3200	.406	8.171	-	1.081	584.3340	.469	8.234	-	1.091
576.4103	.418	8.187	-	1.090	584.3966	.478	8.234	-	1.097
578.3517	.675	8.250	-	1.082					
V397 Car									
541.4688	.216	8.300	-	.816	577.3620	.610	8.416	-	.879
542.4886	.710	8.371	-	.860	578.2635	.047	8.235	-	.803
568.3247	.231	8.305	-	.842	578.3040	.067	8.199	-	.788
570.2929	.185	8.255	-	.814	580.2773	.023	8.223	-	.801
571.2737	.660	8.399	-	.866	580.3620	.064	8.222	-	.811
572.2666	.141	8.242	-	.825	582.2402	.974	8.223	-	.802
573.2764	.630	8.391	-	.872	582.3003	.004	8.199	-	.789
575.2720	.597	8.420	-	.886	583.2878	.482	8.408	-	.891
575.3842	.652	8.395	-	.882	583.3274	.501	8.422	-	.884
576.2786	.085	8.208	-	.804	584.2410	.944	8.229	-	.806
576.3667	.128	8.234	-	.829	584.3122	.979	8.208	-	.792
I Car									
542.3247	.906	3.934	-	1.203	578.1872	.915		-	1.176
542.3706	.907	3.914	-	1.186	579.1861	.943	3.721	-	1.137
543.2243	.931	3.828	-	1.171	579.2737	.946		-	1.152

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>
568.1999	.634	4.047	1.383	-	580.1892	.971	3.597	-	1.083
570.2131	.691	4.060	1.370	-	581.1929	1.000	3.484	-	1.044
571.1998	.719	4.061	-	1.297	581.2066	.000	3.486	-	1.058
572.1933	.746	4.077	-	1.303	582.1818	.028	3.415	-	1.031
573.1912	.775	4.064	-	1.285	582.2555	.030	3.393	-	1.022
573.1934	.775	4.054	-	1.282	583.2139	.057	3.354	-	1.025
575.1907	.831	4.042	-	1.259	583.2509	.058	3.355	-	1.029
576.1916	.859	4.023	-	1.234	584.1839	.084	3.405	-	1.056
V Cen									
542.6471	.823	7.154	-	1.133	575.3585	.777	7.231	-	1.190
568.5010	.529	7.017	-	1.130	575.4567	.795	7.200	-	1.150
570.4256	.879	6.955	-	1.061	575.5452	.811	7.175	-	1.136
572.3863	.236	6.694	-	1.030	576.3624	.959	6.565	-	.911
572.5126	.259	6.720	-	1.040	576.5059	.986	6.460	-	.880
573.3749	.416	6.898	-	1.112	576.5695	.997	6.437	-	.874
573.4622	.432	6.905	-	1.097	577.5139	.169	6.604	-	.974
573.5559	.449	6.913	-	1.104	577.5751	.180	6.619	-	.978
574.4918	.619	7.117	-	1.170	578.3914	.329	6.813	-	1.072
578.4631	.342	6.827	-	1.082	582.4539	.068	6.442	-	.876
578.5584	.359	6.850	-	1.092	582.5382	.084	6.462	-	.885
579.5139	.533	7.013	-	1.149	583.4548	.250	6.720	-	1.024
579.5504	.540	7.023	-	1.154	583.5795	.273	6.725	-	1.030
580.4296	.700	7.185	-	1.175	584.4173	.426	6.910	-	1.107
580.5117	.715	7.192	-	1.173	584.4872	.438	6.913	-	1.108
TX Cen									
568.5028	.886	11.092	-	2.081	577.5775	.417	10.324	-	1.916
570.4268	.998	10.761	-	1.980	578.3919	.464	10.433	-	1.961
572.3873	.113	10.413	-	1.852	578.4636	.468	10.428	-	1.963
572.5133	.120	10.286	-	1.789	578.5590	.474	10.435	-	1.963
573.3755	.171	9.902	-	1.681	579.5143	.530	10.538	-	2.010
573.4628	.176	9.901	-	1.675	579.5510	.532	10.550	-	2.016
573.5564	.181	9.911	-	1.669	580.4304	.583	10.633	-	2.028
574.4923	.236	10.005	-	1.737	580.5556	.591	10.658	-	2.051
575.3592	.287	10.121	-	1.819	582.4545	.702	10.872	-	2.087
575.4574	.293	10.124	-	1.796	582.5389	.707	10.874	-	2.074
575.5458	.298	10.114	-	1.796	583.4556	.760	10.977	-	2.100
576.4493	.351	10.223	-	1.868	583.5802	.768	10.959	-	2.089
576.5064	.354	10.235	-	1.875	584.4182	.817	11.025	-	2.095
576.5701	.358	10.252	-	1.891	584.4957	.821	11.010	-	2.085
577.5151	.413	10.327	-	1.925					
UZ Cen									
542.5843	.107	8.575	.421	.825	578.3607	.837	9.090	.511	.998
568.4532	.866	8.934	.482	.948	578.4373	.860	9.066	.501	.977
570.3807	.444	8.844	.486	.958	579.4399	.161	8.502	.401	.818
572.3409	.032	8.333	.345	.717	580.3401	.431	8.924	.501	.988
573.3353	.330	8.822	.488	.956	580.4057	.450	8.941	.508	.991
573.4280	.358	8.833	.473	.946	582.3566	.036	8.509	.397	.785
574.4582	.667	9.004	.498	.993	582.4249	.056	8.519	.393	.796

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>
575.3244	.927	8.713	.425	.852	583.3497	.333	8.785	.472	.929
575.4200	.955	8.649	.424	.837	583.4218	.355	8.792	.470	.929
576.3274	.227	8.593	.428	.856	584.3410	.631	8.954	.492	.974
576.4174	.254	8.605	.420	.861	584.4041	.650	8.960	.501	.972
576.4754	.272	8.634	.438	.875					
VW Cen									
542.6368	.585	10.490	-	1.626	576.4982	.837	10.678	-	1.636
568.4910	.305	10.013	-	1.454	577.5075	.904	10.493	-	1.558
570.4141	.433	10.208	-	1.533	578.3827	.963	10.406	-	1.520
572.5035	.572	10.468	-	1.616	578.4571	.968	10.389	-	1.500
573.3683	.629	10.587	-	1.664	578.5518	.974	10.402	-	1.499
573.4485	.634	10.575	-	1.633	580.4245	.098	9.706	-	1.260
573.5513	.641	10.583	-	1.631	580.5061	.104	9.709	-	1.263
574.4844	.703	10.700	-	1.654	582.4487	.233	9.877	-	1.370
575.3431	.760	10.742	-	1.651	582.4843	.235	9.881	-	1.370
575.4438	.767	10.732	-	1.617	583.4501	.300	10.033	-	1.466
575.5382	.773	10.725	-	1.646	584.4121	.364	10.112	-	1.492
576.3555	.828	10.689	-	1.629	584.4831	.368	10.127	-	1.506
576.4381	.833	10.685	-	1.618					
XX Cen									
542.6430	.983	7.443	-	.955	572.5074	.709	7.842	-	1.059
568.4945	.343	8.086	-	1.226	573.3706	.788	7.709	-	1.013
570.4171	.518	8.211	-	1.215	573.4571	.796	7.689	-	.994
572.3799	.698	7.886	-	1.078	573.5537	.805	7.692	-	1.012
574.4877	.890	7.389	-	.909	578.5545	.261	7.948	-	1.187
575.3461	.968	7.400	-	.948	579.5103	.349	8.088	-	1.232
575.4474	.978	7.435	-	.936	580.4264	.432	8.203	-	1.248
575.5409	.986	7.453	-	.952	580.5080	.440	8.219	-	1.251
576.3583	.061	7.645	-	1.065	582.4506	.617	8.067	-	1.154
576.4408	.068	7.655	-	1.060	582.4866	.620	8.056	-	1.151
576.5010	.074	7.649	-	1.060	583.4521	.708	7.857	-	1.068
577.5101	.166	7.792	-	1.121	584.4141	.796	7.711	-	1.005
578.3861	.246	7.915	-	1.178	584.4854	.803	7.709	-	1.021
578.4596	.253	7.925	-	1.183					
AY Cen									
568.4274	.567	9.045	.627	1.210	578.4321	.451	8.988	.617	1.201
570.3649	.932	8.525	.506	.987	579.4342	.640	9.094	.633	1.219
572.3338	.302	8.875	.618	1.190	580.3325	.809	8.762	.546	1.076
573.3278	.490	8.998	.625	-	580.4012	.822	8.732	.537	1.054
573.4227	.507	9.010	.627	1.207	582.3517	.189	8.769	.566	1.127
574.4515	.701	9.026	.603	1.169	582.4190	.202	8.779	.581	1.123
575.3197	.865	8.623	.516	1.030	583.3449	.376	8.927	.611	1.193
575.4167	.883	8.572	.513	1.002	583.4140	.389	8.936	.619	1.191
576.3223	.053	8.623	.531	1.062	584.3365	.563	9.062	.622	1.213
576.4125	.070	8.646	.554	1.085	584.3988	.575	9.062	.632	1.216
578.3548	.436	8.974	.616	1.206					
AZ Cen									
541.5694	.620	8.534	-	.762	578.3536	.071	8.670	-	.844

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>
542.5714	.932	8.533	-	.763	578.4313	.095	8.685	-	.828
568.4251	.980	8.567	-	.790	579.4336	.407	8.762	-	.849
570.3638	.584	8.557	-	.752	580.3319	.687	8.485	-	.729
572.3330	.197	8.764	-	.863	580.4005	.708	8.475	-	.723
573.3272	.506	8.651	-	.805	582.3511	.315	8.800	-	.862
573.4219	.536	8.609	-	.785	582.4184	.336	8.787	-	.856
574.4507	.856	8.471	-	.742	583.3443	.625	8.537	-	.758
575.3190	.126	8.717	-	.849	583.4133	.646	8.511	-	.749
575.4160	.157	8.731	-	.844	584.3358	.933	8.543	-	.762
576.3216	.438	8.734	-	.840	584.3983	.953	8.564	-	.774
576.4119	.467	8.702	-	.836					
BB Cen									
542.5906	.487	10.264	-	1.243	578.3653	.436	10.242	-	1.231
568.4575	.958	9.889	-	1.082	578.4399	.455	10.252	-	1.233
570.3853	.440	10.221	-	1.227	579.4426	.706	10.211	-	1.218
572.3444	.930	9.934	-	1.103	580.3426	.931	9.942	-	1.090
573.3390	.179	9.951	-	1.125	580.4076	.947	9.912	-	1.083
573.4311	.202	9.983	-	1.133	582.3593	.435	10.226	-	1.223
574.4611	.460	10.230	-	1.235	582.4273	.452	10.238	-	1.225
575.3262	.676	10.246	-	1.234	583.3523	.684	10.233	-	1.211
575.4231	.700	10.213	-	1.215	583.4244	.702	10.220	-	1.213
576.3300	.927	9.943	-	1.098	584.3428	.931	9.946	-	1.098
576.4201	.950	9.910	-	1.092	584.4058	.947	9.922	-	1.090
576.4779	.964	9.910	-	1.092					
BK Cen									
542.5859	.150	10.066	.505	1.021	573.4294	.868	10.096	.502	.999
568.4550	.301	10.049	.510	1.023	574.4594	.193	9.943	.472	.964
570.3822	.908	9.704	.419	.840	575.3253	.466	10.237	.557	1.108
572.3424	.526	10.362	.577	1.135	575.4211	.496	10.259	.565	1.108
573.3369	.839	10.146	.530	1.032	576.3284	.782	10.445	.579	1.127
576.4184	.810	10.408	.564	1.121	582.3577	.681	10.344	.563	1.106
576.4763	.828	10.354	.540	1.084	582.4258	.703	10.354	.577	1.116
578.3617	.422	10.357	.581	1.153	583.3506	.994	9.704	.418	.853
578.4383	.447	10.380	.587	1.140	583.4228	.017	9.678	.420	.849
579.4410	.762	10.245	.525	1.068	584.3420	.307	10.137	.529	1.066
580.3409	.046	9.990	.487	.978	584.4050	.326	10.168	.545	1.067
580.4065	.067	10.003	.488	.993					
KN Cen									
542.6398	.153	9.670	-	1.890	576.4395	.146	9.687	-	1.888
568.4924	.913	9.299	-	1.670	576.4997	.148	9.681	-	1.893
570.4157	.969	9.352	-	1.715	577.5090	.178	9.733	-	1.907
572.3781	.027	9.476	-	1.794	578.3872	.203	9.775	-	1.916
572.5047	.031	9.467	-	1.775	578.4585	.206	9.785	-	1.936
573.3692	.056	9.520	-	1.817	578.5533	.208	9.792	-	1.934
573.4495	.058	9.516	-	1.810	580.4252	.263	9.854	-	1.964
573.5524	.061	9.525	-	1.802	580.5068	.266	9.866	-	1.965
574.4864	.089	9.595	-	1.852	582.4494	.323	9.939	-	1.975
575.3448	.114	9.636	-	1.876	582.4852	.324	9.931	-	1.966

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>
575.4455	.117	9.631	-	1.864	583.4507	.352	10.001	-	1.983
575.5397	.120	9.625	-	1.853	584.4129	.380	10.022	-	1.986
576.3571	.144	9.681	-	1.896	584.4842	.383	10.033	-	1.989
LV Cen									
568.4454	.076	12.790	1.005	-	578.4343	.084	12.773	.997	-
568.4489	.077	12.760	.991	-	579.4362	.285	12.670	.958	-
570.3677	.462	12.215	.870	-	580.3360	.466	12.226	.868	-
572.3365	.858	12.615	1.000	-	580.3375	.466	12.211	.852	-
573.3318	.058	12.769	1.009	-	580.4029	.479	12.213	.863	-
573.4246	.077	-	.985	-	582.3538	.871	12.630	.972	-
574.4538	.284	12.652	.928	-	582.4210	.885	12.635	.984	-
575.3215	.458	12.215	.850	-	583.3470	.071	12.785	.997	-
576.2680	.648	12.436	.933	-	583.4190	.086	12.783	1.001	-
576.3242	.660	12.447	.944	-	584.3384	.270	12.716	.962	-
576.4147	.678	12.440	.923	-	584.4011	.283	12.690	.967	-
578.3577	.068	12.791	.992	-					
QY Cen									
568.4984	.443	11.885	-	2.554	577.5118	.950	11.692	-	2.369
570.4231	.551	12.088	-	2.601	577.5760	.954	11.641	-	2.344
572.3828	.662	12.245	-	2.628	578.3896	1.000	11.299	-	2.244
572.5107	.669	12.243	-	2.610	578.4613	.004	11.289	-	2.249
573.3727	.717	12.259	-	2.620	578.5566	.009	11.291	-	2.252
573.4601	.722	12.248	-	2.593	579.5121	.063	11.289	-	2.284
574.4898	.780	12.175	-	2.572	579.5483	.065	11.292	-	2.282
575.3480	.829	12.046	-	2.535	580.4279	.115	11.376	-	2.332
575.4495	.834	12.036	-	2.512	580.5099	.119	11.385	-	2.349
575.5426	.840	12.020	-	2.520	582.4521	.229	11.550	-	2.438
576.3603	.886	12.023	-	2.481	582.4883	.231	11.538	-	2.421
576.4425	.890	12.047	-	2.502	583.4595	.285	11.663	-	2.490
576.5032	.894	12.061	-	2.510	584.4156	.339	11.716	-	2.491
576.5671	.897	12.054	-	2.499	584.4939	.344	11.725	-	2.511
V378 Cen									
542.6332	.040	8.336	-	1.164	573.3556	.796	8.660	-	1.305
568.4883	.043	8.344	-	1.161	573.4466	.810	8.644	-	1.283
570.4115	.340	8.373	-	1.193	573.5494	.826	8.656	-	1.294
572.4364	.654	8.637	-	1.291	574.4821	.970	8.492	-	1.220
575.3414	.103	8.309	-	1.156	579.4723	.743	-	-	1.304
575.4421	.119	8.288	-	1.135	580.4229	.890	8.618	-	1.276
576.3537	.260	8.330	-	1.176	580.5045	.903	8.611	-	1.278
576.4362	.273	8.326	-	1.182	582.4465	.203	8.327	-	1.162
576.4929	.282	8.341	-	1.197	582.4828	.209	8.293	-	1.146
577.5056	.439	8.463	-	1.229	583.4482	.358	8.416	-	1.202
578.3805	.574	8.565	-	1.272	584.4108	.508	8.512	-	1.235
578.4556	.586	8.587	-	1.275	584.4546	.514	8.526	-	1.263
V381 Cen									
542.6448	.649	7.948	.523	1.005	576.5661	.328	7.657	.456	.904
568.4962	.739	7.997	.520	-	577.5109	.514	7.845	.505	.971

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>
570.4213	.118	7.377	.393	.771	578.3885	.687	7.973	.520	1.004
572.3809	.504	7.848	.502	.990	578.4603	.701	7.980	.525	.996
572.5084	.529	7.848	.510	.980	578.5553	.720	7.998	.528	1.011
573.3714	.699	7.986	.536	1.013	579.5111	.908	7.645	.439	.858
573.4582	.716	7.992	.517	.996	579.5470	.915	7.618	.431	.855
573.5546	.735	7.988	.507	.994	580.4271	.088	7.344	.380	.761
574.4886	.919	7.602	.431	.836	580.5087	.104	7.364	.387	.774
575.3469	.088	7.355	.383	.781	582.4513	.487	7.809	.497	.968
575.4482	.108	7.393	.402	.774	582.4873	.494	7.804	.497	.950
575.5416	.126	7.378	.388	.767	583.4529	.684	7.984	.520	1.003
576.3591	.287	7.602	.459	.891	584.4147	.873	7.796	.460	.895
576.4415	.303	7.621	.457	.905	584.4861	.887	7.736	.465	.885
576.5018	.315	7.639	.474	.921					
V419 Cen									
542.5754	.278	8.168	-	.857	578.4332	.789	8.223	-	.852
568.4296	.972	8.002	-	.780	579.4352	.971	8.013	-	.792
570.3665	.324	8.198	-	.855	580.3338	.134	8.074	-	.815
572.3354	.682	8.313	-	.895	580.4022	.146	8.076	-	.812
573.4238	.879	8.080	-	.801	582.3527	.501	8.314	-	.908
574.4526	.066	8.030	-	.802	582.4200	.513	8.308	-	.911
575.3208	.224	8.141	-	.855	583.3459	.681	8.327	-	.896
575.4177	.241	8.140	-	.840	583.4177	.694	8.317	-	.894
576.3234	.406	8.256	-	.891	584.3374	.861	8.122	-	.814
576.4136	.422	8.270	-	.912	584.3998	.872	8.104	-	.809
578.3564	.775	8.231	-	.861					
V420 Cen									
542.5799	.123	10.532	-	.940	578.3602	.568	9.905	.477	-
568.4516	.168	10.112	.402	-	578.4369	.571	9.912	.471	-
570.3799	.246	9.405	.279	-	579.4387	.612	9.970	.487	-
572.3401	.325	9.512	.343	-	580.4025	.651	10.014	.493	-
573.3350	.365	9.607	.366	-	582.3559	.729	10.137	.512	-
573.4277	.369	9.610	.366	-	582.4239	.732	10.139	.523	-
574.4577	.411	9.705	.402	-	583.3492	.769	10.230	.537	-
575.3239	.445	9.741	.408	-	583.4214	.772	10.222	.515	-
575.4194	.449	-	.398	-	584.3407	.810	10.313	.528	-
576.3267	.486	9.818	.460	-	584.4036	.812	10.314	.526	-
576.4171	.490	9.814	.432	-					
V496 Cen									
542.6305	.144	9.773	.679	1.363	573.3540	.089	9.722	.669	1.357
568.4863	.989	9.617	.631	1.274	573.4457	.110	9.735	.651	1.344
570.4095	.423	10.059	.743	1.474	573.5480	.133	9.769	.678	1.368
572.3712	.867	9.884	.682	1.355	574.4803	.343	10.006	.739	1.460
572.4998	.896	9.770	.655	1.308	575.3398	.538	10.164	.763	1.505
575.4406	.560	10.167	.731	1.486	580.4211	.686	10.209	.766	1.494
576.3516	.766	10.164	.744	1.472	580.5031	.705	10.228	.765	1.501
576.4345	.785	10.124	.734	1.452	582.4454	.144	9.783	.671	1.359
576.4913	.798	10.094	.715	1.442	582.4814	.152	9.801	.695	1.367
577.5045	.027	9.662	.643	1.295	583.4462	.370	10.043	.736	1.465

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>
578.3787	.225	9.884	.713	1.413	584.4100	.588	10.180	.766	1.495
578.4534	.241	9.911	.727	1.433	584.4532	.598	10.194	.768	1.516
579.4708	.471	10.117	.756	1.509					
V641 Cen									
568.5073	.794	10.177	1.112	2.153	577.5793	.051	10.214	1.112	2.161
570.4318	.848	10.136	1.102	2.130	578.3943	.074	10.251	1.149	2.189
572.3899	.904	10.149	1.116	2.148	578.4652	.077	10.233	1.131	2.173
572.5150	.908	10.147	1.094	2.143	578.5607	.079	10.242	1.133	2.178
573.3773	.932	10.145	1.100	2.142	579.5165	.106	10.257	1.140	2.187
573.4646	.935	10.135	1.096	2.134	579.5542	.107	10.271	1.122	2.131
573.5585	.937	10.139	1.089	2.127	580.4320	.132	10.271	1.145	2.190
574.4943	.964	10.166	1.102	2.141	580.5577	.136	10.274	1.145	2.193
575.3616	.988	10.197	1.117	2.171	582.4568	.190	10.326	1.159	2.207
575.4598	.991	10.193	1.110	2.159	582.5413	.192	10.315	1.145	2.196
575.5474	.994	10.180	1.119	2.148	583.4583	.218	10.363	1.154	2.210
576.4513	.019	10.206	1.130	2.174	583.5823	.222	10.335	1.152	2.199
576.5087	.021	10.202	1.119	2.172	584.4201	.246	10.371	1.170	2.227
576.5734	.023	10.228	1.132	2.173	584.4885	.248	10.370	1.162	2.228
577.5168	.050	10.224	1.132	2.169					
V659 Cen									
542.6349	.274	6.476	.425	.828	576.4945	.297	6.481	.405	.845
568.4896	.873	6.735	.477	.921	577.5065	.477	6.557	.437	.865
570.4128	.215	6.483	.420	.821	578.3814	.633	6.654	.462	.905
572.3745	.564	-	.438	.866	578.4564	.646	6.662	.467	.908
572.5024	.587	6.630	.456	.892	578.5510	.663	6.678	.474	.910
573.3674	.741	6.709	.480	.928	579.4733	.827	6.759	.447	.891
573.4476	.755	6.701	.459	.906	580.4237	.996	6.699	.453	.899
573.5505	.773	6.711	.464	.924	580.5054	.011	6.699	.464	.902
574.4833	.939	6.729	.463	.918	582.4476	.356	6.490	.419	.830
575.3422	.092	6.620	.444	.885	582.4836	.362	6.490	.426	.831
575.4430	.110	6.595	.434	.852	583.4490	.534	6.599	.451	.883
575.5372	.127	6.564	.432	.840	584.4115	.705	6.689	.469	.915
576.3545	.272	6.480	.426	.831	584.4553	.713	6.688	.467	.918
576.4371	.287	6.480	.418	.825					
V737 Cen									
542.6486	.476	6.789	.559	1.061	577.5158	.410	6.747	.553	1.057
570.4294	.407	6.738	.546	1.049	577.5783	.419	6.751	.555	1.068
572.3885	.685	6.932	.592	1.111	578.3932	.534	6.846	.574	1.088
572.5140	.702	6.915	.573	1.090	578.4642	.545	6.850	.577	1.096
573.3763	.824	6.782	.544	1.032	578.5597	.558	6.865	.579	1.094
573.4635	.837	6.757	.531	1.015	579.5155	.693	6.922	.580	1.104
573.5575	.850	6.720	.511	1.011	579.5530	.699	6.915	.560	1.088
574.4932	.983	6.568	.495	.956	580.4310	.823	6.791	.538	1.044
575.3605	.105	6.564	.498	.980	580.5567	.841	6.767	.537	1.027
575.4586	.119	6.565	.485	.955	582.4557	.109	6.558	.497	.963
575.5464	.132	6.562	.500	.963	582.5403	.121	6.561	.495	.958
576.4502	.259	6.652	.538	1.032	583.4570	.251	6.654	.527	1.013
576.5077	.268	6.653	.531	1.032	583.5813	.269	6.640	.520	1.010

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>
576.5712	.277	6.658	.521	1.015	584.4192	.387	6.727	.549	1.050
584.4875	.397	6.732	.549	1.055					
AV Cir									
541.6476	.533	7.520	.570	-	577.5180	.236	7.320	.511	1.034
568.5104	.298	7.420	.496	-	577.5805	.257	7.334	.513	1.039
570.4350	.925	7.320	.501	1.014	578.3954	.523	7.538	.555	1.115
572.3923	.564	7.556	.561	1.118	578.4663	.546	7.540	.562	1.116
572.5168	.605	7.554	.543	1.115	578.5631	.577	7.549	.562	1.123
573.3787	.886	7.363	.520	1.041	579.5176	.889	-	.511	1.042
573.4662	.914	7.325	.499	1.021	580.4333	.187	7.292	.503	1.022
573.5599	.945	7.282	.484	1.005	580.5589	.228	7.313	.496	1.029
574.4964	.251	7.336	.510	1.035	582.4596	.849	7.394	.517	1.044
575.3628	.533	7.536	.549	1.118	582.5425	.876	7.362	.511	1.028
575.4609	.565	7.535	.552	1.098	583.4615	.175	7.293	.497	1.012
575.5485	.594	7.544	.560	1.108	583.5838	.215	7.306	.505	1.029
576.4533	.889	7.370	.515	1.039	584.4213	.489	7.513	.557	1.102
576.5098	.907	7.343	.502	1.024	584.4901	.511	7.520	.548	1.107
576.5753	.929	7.337	.509	1.028	584.5753	.539	7.538	.567	1.114
AX Cir									
542.6576	.696	6.080	.483	-	576.4895	.112	5.707	.408	-
568.4824	.593	6.051	.489	-	577.5025	.304	5.882	.471	-
570.4060	.958	5.704	.411	-	578.3767	.470	5.981	.485	-
572.3598	.329	-	.482	-	578.4513	.484	5.987	.487	-
572.4980	.355	5.906	.469	-	579.4544	.674	6.088	.490	-
573.3517	.517	6.005	.491	-	580.4195	.857	5.885	.448	-
573.4435	.534	6.002	.469	-	580.5010	.873	5.853	.435	-
573.5463	.554	6.019	.460	-	582.3711	.227	5.805	.454	-
574.4777	.730	6.086	.484	-	582.4388	.240	5.816	.447	-
575.3381	.893	5.823	.430	-	583.3638	.415	5.950	.477	-
575.4375	.912	5.793	.428	-	583.4364	.429	5.970	.485	-
576.3423	.084	5.700	.424	-	584.3531	.603	6.046	.478	-
576.4321	.101	5.707	.419	-	584.4517	.622	6.066	.485	-
BP Cir									
541.6452	.659	7.435	-	.899	577.5175	.616	7.470	.433	.877
542.6533	.079	7.563	.467	-	577.5801	.642	7.439	.427	.872
568.5095	.860	7.413	.429	-	578.3951	.981	7.493	.448	.896
570.4332	.662	7.426	.424	.858	578.4659	.011	7.513	.456	.912
572.3916	.478	7.652	.478	.956	578.5627	.051	7.550	.464	.925
572.5162	.530	7.595	.461	.921	579.5172	.449	7.667	.473	.955
573.3782	.890	7.414	.429	.870	580.4327	.831	7.388	.422	.859
573.4655	.926	7.436	.428	.870	580.5585	.883	7.419	.433	.871
573.5595	.965	7.446	.425	.886	582.4592	.676	7.402	.412	.847
574.4960	.356	7.706	.492	.977	582.5420	.710	7.384	.413	.844
575.3624	.717	7.393	.421	.852	583.4610	.094	7.596	.464	.941
575.4605	.758	7.380	.418	.846	583.5833	.145	7.599	.460	.933
575.5481	.794	7.376	.431	.842	584.4208	.494	7.643	.468	.936
576.4528	.172	7.629	.477	.962	584.4897	.523	7.592	.469	.924
576.5094	.195	7.639	.460	.959	584.5748	.558	7.552	.458	.913
576.5749	.223	7.668	.480	.965					

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>
R Cru									
541.5931	.056	6.462	.388	-	572.4946	.360	6.842	.493	-
542.6142	.231	6.713	.446	-	573.3479	.507	7.027	.524	-
568.4778	.671	7.158	.534	-	573.4399	.522	7.052	.530	-
570.4018	.001	6.410	.365	-	574.4738	.700	7.151	.521	-
572.3557	.336	6.836	.484	-	575.3346	.848	6.694	.416	-
575.4340	.865	6.610	.394	-	580.4163	.720	7.140	.527	-
576.3392	.020	6.435	.377	-	580.4978	.734	7.124	.513	-
576.4288	.036	6.458	.381	-	582.3677	.055	6.479	.394	-
576.4862	.045	6.470	.386	-	582.4354	.067	6.496	.398	-
577.4994	.219	6.704	.454	-	583.3605	.225	6.714	.460	-
578.3736	.369	6.860	.498	-	583.4325	.238	6.732	.463	-
578.4480	.382	6.868	.495	-	584.3499	.395	6.873	.493	-
579.4511	.554	7.082	.534	-	584.4482	.412	6.896	.499	-
S Cru									
542.6287	.661	6.857	-	.936	576.4885	.880	6.211	-	.718
568.4808	.173	6.601	-	.913	577.5015	.096	6.507	-	.870
570.4046	.583	6.923	-	.983	578.3756	.283	6.722	-	.958
572.3583	1.000	6.383	-	.816	578.4502	.299	6.742	-	.964
572.4967	.029	6.410	-	.820	579.4533	.512	6.907	-	1.008
573.3505	.211	6.659	-	.953	580.4184	.718	6.686	-	.886
573.4423	.231	6.671	-	.932	580.5000	.736	6.608	-	.864
573.5451	.253	6.670	-	.926	582.3698	.134	6.550	-	.895
574.4764	.451	6.859	-	.985	582.4376	.149	6.556	-	.882
575.3368	.635	6.913	-	.985	583.3626	.346	6.774	-	.971
575.4362	.656	6.891	-	.959	583.4353	.361	6.796	-	.979
576.3412	.849	6.209	-	.707	584.3519	.557	6.917	-	.987
576.4311	.868	6.208	-	.722	584.4503	.578	6.932	-	.992
T Cru									
541.5902	.283	6.577	.523	.997	577.4982	.616	6.825	.555	-
542.6008	.433	6.702	.532	-	578.3728	.746	6.615	.505	-
568.4764	.276	6.566	.517	-	578.4472	.757	6.603	.508	-
570.4007	.562	6.811	.551	-	579.4503	.906	6.340	.443	-
572.3548	.852	6.422	.470	-	580.4156	.049	6.401	.467	-
572.4936	.873	6.386	.448	-	580.4971	.061	6.430	.484	-
573.3471	.999	6.364	.472	-	582.3669	.339	6.617	.528	-
573.4391	.013	6.362	.448	-	582.4346	.349	6.621	.524	-
574.4727	.167	6.500	.501	-	583.3598	.486	6.753	.547	-
575.3339	.294	6.585	.515	-	583.4317	.497	6.767	.548	-
575.4332	.309	6.608	.530	-	583.4332	.497	6.767	.548	-
576.3385	.444	6.712	.540	-	584.3492	.633	6.807	.542	-
576.4280	.457	6.735	.560	-	584.4473	.648	6.799	.544	-
576.4855	.466	6.745	.549	-					
X Cru									
542.6275	.544	8.543	.615	-	577.4966	.150	8.207	.509	-
568.4730	.699	8.670	.620	-	578.3712	.290	8.348	.567	-
570.3950	.008	8.150	.501	-	578.4458	.302	8.364	.579	-

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>
572.3528	.323	8.370	.585	-	579.4481	.463	8.491	.602	-
572.4917	.345	8.375	.581	-	580.4142	.619	8.628	.622	-
573.3454	.482	8.500	.615	-	580.4955	.632	8.634	.629	-
573.4372	.497	8.502	.593	-	582.3654	.932	8.312	.537	-
574.4708	.663	8.646	.622	-	582.4328	.943	8.283	.530	-
575.3323	.802	8.651	.604	-	583.3584	.092	8.151	.509	-
575.4315	.818	8.620	.604	-	583.4303	.103	8.161	.516	-
576.3368	.963	8.243	.521	-	584.3480	.251	8.312	.555	-
576.4264	.977	8.208	.519	-	584.4457	.267	8.333	.568	-
576.4836	.987	8.189	.519	-					
VV Cru									
568.4680	.970	11.854	.873	1.750	572.3482	.604	12.146	.906	1.806
570.3889	.283	12.198	.987	1.887	573.3415	.766	11.661	.810	1.635
573.4333	.781	11.657	.812	1.634	579.4446	.763	11.686	.828	1.658
574.4641	.949	11.862	.874	1.743	580.4108	.921	11.833	.868	1.731
575.3286	.090	12.040	.932	1.847	582.3613	.239	12.141	.957	1.862
576.3326	.254	12.179	.949	1.862	582.4294	.250	12.166	.948	1.870
576.4228	.269	12.191	.946	1.869	583.3547	.402	12.811	.960	1.885
576.4801	.279	12.196	.961	1.884	583.4267	.413	12.316	.972	1.885
577.4929	.444	12.316	.935	1.868	584.3446	.563	12.292	.947	1.854
578.3672	.587	12.217	.937	1.838	584.4078	.574	12.257	.954	1.845
578.4422	.599	12.186	.945	1.822	584.4423	.579	12.239	.937	1.845
VW Cru									
542.6211	.487	9.760	.864	1.701	577.4947	.110	9.413	.777	1.564
568.4704	.396	9.697	.857	-	578.3692	.276	9.593	.823	1.640
570.3927	.762	9.795	.843	1.670	578.4439	.291	9.625	.850	1.662
572.3506	.133	9.445	.798	1.596	579.4462	.481	9.768	.862	1.705
573.3434	.322	9.633	.859	1.682	580.4125	.665	9.880	.858	1.712
573.4352	.339	9.639	.823	1.658	582.3630	.035	9.330	.756	1.517
574.4659	.535	9.795	.856	1.695	582.4310	.048	9.347	.773	1.525
575.3303	.699	9.887	.864	1.728	583.3566	.224	9.546	.824	1.633
575.4286	.718	9.876	.866	1.708	583.4285	.237	9.560	.810	1.639
576.3346	.890	9.458	.779	1.560	584.3462	.412	9.718	.854	1.695
576.4246	.907	9.402	.762	1.539	584.4439	.430	9.733	.859	1.697
576.4817	.918	9.374	.760	1.526					
AG Cru									
542.6239	.202	8.100	-	.868	576.4828	.026	7.806	-	.723
568.4719	.938	7.796	-	.696	577.4959	.290	8.249	-	.928
570.3941	.439	8.408	-	.983	578.3705	.518	8.496	-	1.013
572.3520	.949	7.780	-	.682	578.4450	.537	8.524	-	1.014
572.4909	.985	7.749	-	.674	579.4473	.798	8.554	-	.990
573.3445	.208	8.113	-	.879	580.4135	.050	7.841	-	.736
573.4365	.232	8.134	-	.868	582.3647	.559	8.522	-	1.007
574.4699	.501	8.457	-	1.001	582.4321	.576	8.529	-	1.009
575.3315	.726	8.606	-	1.022	583.3576	.817	8.501	-	.967
575.4307	.752	8.587	-	1.013	583.4296	.836	8.429	-	.936
576.3361	.987	7.757	-	.692	584.3473	.075	7.899	-	.761
576.4257	.011	7.779	-	.710	584.4450	.101	7.953	-	.792

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>
BG Cru									
542.6179	.151	5.427	-	.704	577.5033	.587	5.538	-	.743
568.4840	.889	5.378	-	.674	578.3775	.849	5.399	-	.686
570.4073	.465	5.549	-	.744	578.4520	.871	5.396	-	.682
572.4988	.090	5.396	-	.684	579.4552	.171	5.437	-	.712
573.3528	.346	5.535	-	.766	580.4202	.460	5.564	-	.758
573.4444	.373	5.556	-	.695	580.5021	.485	5.569	-	.761
574.4790	.683	5.498	-	.723	582.3716	.044	5.369	-	.675
575.3388	.940	5.377	-	.687	582.4397	.064	5.383	-	.675
575.4383	.970	5.361	-	.662	583.3642	.341	5.535	-	.743
576.3433	.240	5.485	-	.729	583.4369	.363	5.543	-	.746
576.4329	.267	5.492	-	.741	584.3536	.637	5.519	-	.725
576.4903	.284	5.493	-	.723	584.4522	.666	5.513	-	.726
GH Lup									
541.6556	.989	7.541	-	1.267	572.5188	.316	7.648	-	1.294
542.6610	.097	7.551	-	1.258	573.3808	.409	7.686	-	1.307
568.5225	.885	7.580	-	1.249	573.4683	.418	7.682	-	1.303
570.4372	.091	7.541	-	1.240	573.5621	.428	7.685	-	1.298
572.3946	.302	7.658	-	1.309	574.4985	.529	7.717	-	1.311
575.3649	.623	7.679	-	1.289	578.6173	.973	7.549	-	1.249
575.4629	.633	7.693	-	1.300	579.5196	.070	7.557	-	1.261
575.5505	.643	7.675	-	1.288	580.4353	.169	7.576	-	1.271
575.6144	.649	7.679	-	1.296	580.5608	.183	7.576	-	1.272
576.4554	.740	7.632	-	1.276	580.6099	.188	7.584	-	1.282
576.5118	.746	7.626	-	1.274	582.4616	.387	7.674	-	1.303
576.5772	.753	7.635	-	1.279	582.5444	.396	7.680	-	1.297
577.5207	.855	7.589	-	1.260	583.4634	.495	7.718	-	1.307
577.5828	.862	7.581	-	1.251	583.5858	.509	7.705	-	1.301
578.3974	.949	7.559	-	1.244	584.4232	.599	7.695	-	1.294
578.4682	.957	7.551	-	1.252	584.4920	.606	7.686	-	1.298
578.5651	.967	7.550	-	1.247	584.5775	.616	7.687	-	1.294
R Mus									
542.6247	.819	6.653	482	-	577.4999	.463	6.445	.474	-
568.4786	.262	6.168	408	-	578.3740	.579	6.575	.500	-
570.4025	.518	6.500	473	-	578.4485	.589	6.587	.497	-
572.3566	.778	6.733	516	-	579.4517	.723	6.732	.515	-
572.4951	.796	6.694	488	-	580.4169	.851	6.575	.464	-
573.3487	.910	6.352	424	-	580.4984	.862	6.548	.466	-
573.4403	.922	6.301	400	-	582.3683	.111	5.972	.350	-
574.4748	.060	5.930	335	-	582.4360	.120	5.989	.350	-
575.3352	.175	6.087	378	-	583.3611	.243	6.164	.409	-
575.4345	.188	6.108	390	-	583.4338	.253	6.172	.412	-
576.3397	.308	6.170	417	-	584.3505	.375	6.215	.424	-
576.4294	.320	6.152	391	-	584.4489	.388	6.239	.425	-
576.4869	.328	6.151	394	-					
S Mus									
542.5926	.362	6.146	-	.977	577.4968	.975	5.942	.427	-

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>
568.4742	.041	5.968	448	-	578.3715	.066	5.969	.444	-
570.3990	.241	6.000	468	-	578.4458	.074	5.974	.452	-
572.4228	.450	6.242	513	-	579.4489	.177	5.894	.447	-
573.3455	.546	6.365	549	-	580.4144	.277	6.067	.491	-
573.4377	.555	6.373	537	-	580.4958	.286	6.075	.476	-
574.4714	.662	6.416	530	-	582.3657	.479	6.270	.526	-
575.3326	.751	6.333	511	-	582.4334	.486	6.290	.541	-
575.4318	.762	6.298	505	-	583.3585	.582	6.397	.541	-
576.3371	.855	6.115	454	-	583.4305	.590	6.406	.542	-
576.4267	.865	6.090	455	-	584.3481	.685	6.407	.518	-
576.4842	.871	6.076	454	-	584.4458	.695	6.412	.536	-
S Nor									
570.6636	.714	6.530	539	-	576.5812	.321	6.481	.556	-
572.4021	.892	6.298	497	-	577.5286	.418	6.639	.581	-
572.5240	.905	6.294	491	-	577.5879	.424	6.650	.588	-
573.3876	.993	6.165	467	-	577.6303	.428	6.652	.585	-
573.4738	.002	6.137	458	-	578.4048	.508	6.749	.598	-
573.5684	.012	6.108	-	.887	578.4784	.515	6.750	.608	-
573.6350	.019	6.110	460	.901	578.5709	.525	6.754	.609	-
574.5029	.108	6.224	499	-	578.6258	.530	6.750	.604	-
575.3703	.197	6.309	521	-	579.5301	.623	6.728	.581	-
575.4676	.207	6.313	509	-	580.4513	.718	6.517	.533	-
575.5546	.216	6.328	526	-	580.5647	.729	6.500	.533	-
575.6189	.222	6.346	525	-	580.6137	.734	6.491	.530	-
576.4609	.308	6.466	554	-	582.4661	.924	6.275	.475	-
576.5181	.314	6.478	561	-	582.5891	.937	6.279	.484	-
582.6356	.942	6.268	.485	-	584.4297	.125	6.242	.505	-
583.4723	.027	6.106	.457	-	584.5812	.141	6.258	.515	-
583.5897	.039	6.091	.451	-	584.6285	.146	6.264	.519	-
TW Nor									
541.6620	.070	11.319	1.182	2.326	577.5852	.401	11.895	1.290	-
568.5264	.561	12.108	1.360	-	578.3996	.476	12.000	1.314	-
570.4403	.738	11.801	1.254	-	578.4712	.483	12.015	1.326	-
572.3987	.920	11.494	1.182	-	578.5669	.492	12.004	1.297	-
572.5208	.931	11.475	1.177	-	578.5690	.492	12.020	1.324	-
573.3832	.011	11.200	1.136	-	578.6201	.497	12.028	1.341	-
573.4711	.019	11.166	1.126	-	579.5216	.580	12.092	1.312	-
573.5641	.028	11.183	1.121	-	580.4491	.666	11.972	1.289	-
574.5005	.115	11.420	1.198	-	580.5628	.677	11.968	1.298	-
575.3672	.195	11.538	1.212	-	580.6116	.681	11.933	1.272	-
575.4648	.204	11.550	1.218	-	582.4640	.853	11.583	1.186	-
575.5524	.212	11.554	1.215	-	582.5464	.861	11.565	1.172	-
575.6164	.218	11.574	1.229	-	583.4656	.946	11.463	1.158	-
576.4579	.296	11.685	1.264	-	583.5874	.957	11.410	1.166	-
576.5137	.301	11.685	1.253	-	584.4279	.035	11.224	1.127	-
576.5791	.308	11.708	1.260	-	584.4973	.042	11.242	1.145	-
577.5265	.395	11.878	1.281	-	584.5790	.049	11.267	1.158	-
GU Nor									
568.5422	.884	10.453	.798	-	578.4105	.742	10.600	.834	-

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>
570.4841	.447	10.449	.808	-	578.4835	.763	10.580	.841	-
572.5365	.041	10.049	.722	-	578.5757	.790	10.564	.828	-
573.3981	.291	10.276	.773	-	578.6305	.806	10.555	.823	-
573.4804	.314	10.301	.788	-	579.5352	.068	10.058	.710	-
573.5752	.342	10.339	.801	-	580.4565	.335	10.338	.802	-
574.5099	.613	10.552	.837	-	580.5692	.367	10.366	.792	-
575.3777	.864	10.497	.788	-	580.6186	.382	10.384	.809	-
575.4739	.892	10.446	.785	-	582.4718	.918	10.341	.761	-
575.5609	.917	10.360	.767	-	582.5942	.954	10.272	.750	-
575.6235	.935	10.315	.755	-	582.6414	.968	10.191	.742	-
576.4661	.179	10.167	.757	-	583.4768	.209	10.205	.750	-
576.5228	.196	10.184	.752	-	583.5946	.244	10.262	.771	-
576.5862	.214	10.218	.771	-	584.4340	.487	10.481	.826	-
577.5927	.505	10.496	.823	-	584.5862	.531	10.505	.830	-
577.6351	.518	10.499	.816	-	584.6344	.545	10.509	.827	-
QZ Nor									
568.5326	.223	8.833	-	.999	576.5209	.333	8.930	-	1.039
570.4453	.728	8.899	-	1.000	576.5842	.350	8.945	-	1.039
572.4093	.247	8.856	-	1.023	576.6416	.365	8.927	-	1.043
572.5275	.278	8.884	-	1.020	577.5317	.600	9.000	-	1.049
573.3915	.507	8.986	-	1.047	577.5908	.616	8.989	-	1.039
573.4775	.529	8.989	-	1.049	577.6335	.627	8.968	-	1.041
573.5724	.554	8.999	-	1.057	578.4082	.831	8.834	-	.979
573.6385	.572	8.981	-	1.048	578.4817	.851	8.805	-	.977
574.5066	.801	8.856	-	.995	578.5740	.875	8.782	-	.972
575.3738	.030	8.738	-	.957	578.6290	.890	8.769	-	.962
575.4711	.056	8.732	-	.947	579.5332	.129	8.763	-	.982
575.5580	.079	8.722	-	.949	580.4545	.372	8.958	-	1.053
575.6224	.096	8.746	-	.959	580.5675	.402	8.964	-	1.046
575.6257	.097	8.729	-	.930	580.6169	.415	8.971	-	1.054
576.4641	.318	8.912	-	1.033	582.4702	.904	8.766	-	.957
582.5925	.936	8.780	-	.943	584.4325	.422	8.981	-	1.053
582.6396	.949	8.733	-	.934	584.5841	.462	8.996	-	1.058
583.4752	.170	8.796	-	.980	584.6328	.475	8.995	-	1.061
583.5930	.201	8.820	-	.983					
V340 Nor									
568.5368	.358	8.447	-	1.252	578.4094	.233	8.571	-	1.295
570.4742	.530	8.281	-	1.183	578.4827	.240	8.560	-	1.286
572.4219	.703	8.318	-	1.196	578.5749	.248	8.550	-	1.281
572.5287	.712	8.347	-	1.216	578.6298	.253	8.548	-	1.293
573.3929	.789	8.281	-	1.195	579.5344	.333	8.502	-	1.275
573.4786	.796	8.275	-	1.199	580.4556	.414	8.414	-	1.226
573.5735	.805	8.327	-	1.194	580.5684	.424	8.402	-	1.230
574.5077	.887	8.335	-	1.236	580.6178	.429	8.416	-	1.230
575.3753	.964	8.425	-	1.273	582.4710	.593	8.302	-	1.188
575.4721	.973	8.437	-	1.264	582.5935	.604	8.318	-	1.177
575.5594	.981	8.418	-	1.253	582.6407	.608	8.288	-	1.172
576.4650	.061	8.509	-	1.280	583.4761	.682	8.280	-	1.192

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>
576.5218	.066	8.513	-	1.269	583.5937	.692	8.309	-	1.195
576.6424	.077	8.501	-	1.287	584.4333	.767	8.280	-	1.202
577.5326	.155	8.557	-	1.293	584.5855	.780	8.282	-	1.211
577.5918	.161	8.559	-	1.300	584.6337	.785	8.279	-	1.228
577.6343	.164	8.581	-	1.301					
Y Oph									
570.6687	.998	6.236	.846	1.643	578.5475	.459	6.096	.841	1.643
573.5381	.166	5.897	-	1.508	578.6144	.462	6.097	-	1.643
573.6281	.171	5.892	-	1.529	578.6692	.466	6.105	-	1.646
573.6749	.174	5.891	-	1.526	580.4924	.572	6.234	-	1.699
574.5626	.226	5.894	-	1.530	580.6046	.579	6.235	-	1.697
575.5189	.282	5.918	-	1.544	582.5846	.694	6.327	-	1.712
575.6095	.287	5.933	-	1.545	582.6315	.697	6.329	-	1.709
575.6583	.290	5.912	-	1.529	582.6797	.700	6.312	-	1.701
576.5618	.343	5.981	-	1.574	583.5773	.752	6.359	-	1.719
576.6718	.349	5.984	-	1.578	584.5652	.810	6.350	-	1.700
577.5697	.401	6.042	-	1.608	584.6234	.813	6.355	-	1.708
577.6260	.405	6.044	-	1.612	584.6697	.816	6.348	-	1.695
577.6702	.407	6.041	-	1.615	584.6697	.816	6.348	-	1.695
X Pup									
543.2604	.553	8.513	-	1.464	579.2814	.940	9.123	-	1.566
568.2493	.515	8.412	-	1.425	580.2146	.976	9.093	-	1.547
570.2328	.592	8.535	-	1.463	580.2492	.978	9.121	-	1.549
571.2187	.630	8.605	-	1.505	581.2187	.015	9.189	-	1.569
572.2162	.668	8.693	-	1.536	581.2417	.016	9.200	-	1.573
573.2273	.707	8.732	-	1.533	582.2040	.053	9.169	-	1.541
575.2398	.785	8.873	-	1.556	582.2609	.055	9.158	-	1.536
576.2128	.822	8.923	-	1.559	583.2242	.092	9.114	-	1.499
576.2461	.824	8.919	-	1.551	583.2580	.094	9.123	-	1.504
578.2154	.899	8.981	-	1.552	584.2143	.130	8.729	-	1.343
578.2406	.900	8.994	-	1.548	584.2449	.132	8.716	-	1.337
RS Pup									
543.2435	.808	7.163	-	1.674	572.1995	.508	6.764	-	1.516
568.2250	.412	6.624	-	1.400	573.2031	.532	6.766	-	1.515
570.2213	.460	6.673	-	1.433	575.1983	.580	6.848	-	1.577
570.2228	.460	6.673	-	1.439	576.1964	.604	6.879	-	1.573
571.2048	.484	6.719	-	1.483	576.2407	.605	6.880	-	1.573
578.1929	.653	6.914	-	1.608	583.2176	.774	7.107	-	1.661
580.1936	.701	7.019	-	1.634	583.2526	.775	7.119	-	1.656
581.2097	.725	7.054	-	1.639	584.1910	.797	7.158	-	1.659
582.1904	.749	7.081	-	1.645	584.2543	.799	7.147	-	1.667
582.2576	.751	7.070	-	1.637					
VX Pup									
542.3812	.433	8.345	.391	.780	579.1993	.658	8.371	.358	.621
543.2590	.725	8.487	.413	.802	579.2797	.684	8.398	.395	.799
568.2469	.021	8.043	.326	.658	580.2134	.994	8.214	.351	.706
570.2309	.680	8.332	.385	.747	580.2483	.006	8.211	.351	.704

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>
571.2175	.008	8.293	.388	.757	581.2174	.328	8.314	.380	.766
572.2145	.339	8.303	.391	.768	581.2404	.335	8.339	.395	.783
573.2256	.674	8.477	.428	.823	582.2018	.655	8.623	.445	.867
575.2163	.335	8.433	.425	.833	582.2593	.674	8.612	.449	.856
575.2387	.343	8.440	.419	.828	583.2232	.994	7.986	.318	.641
576.2112	.666	8.541	.420	.824	583.2571	.005	8.049	.322	.650
576.2452	.677	8.519	.413	.796	584.2136	.323	8.510	.409	.839
578.2146	.331	8.457	.403	.811	584.2441	.333	8.514	.422	.850
578.2398	.339	8.464	.405	.809					
VZ Pup									
543.2619	.632	10.033	-	1.580	580.2160	.227	9.303	-	1.248
568.2513	.711	10.103	-	1.554	580.2511	.228	9.327	-	1.251
570.2344	.796	10.094	-	1.518	581.2224	.270	9.404	-	1.309
571.2205	.839	10.136	-	1.524	581.2447	.271	9.401	-	1.304
572.2177	.882	10.249	-	1.545	581.2790	.273	9.400	-	1.292
573.2294	.925	10.215	-	1.514	582.2066	.313	9.453	-	1.347
575.2190	.011	9.489	-	1.216	582.2626	.315	9.445	-	1.333
575.2412	.012	9.478	-	1.202	583.2262	.357	9.509	-	1.388
576.2141	.054	8.989	-	1.030	583.2598	.358	9.516	-	1.379
576.2476	.056	8.988	-	1.035	584.2155	.400	9.586	-	1.418
578.2172	.141	9.132	-	1.127	584.2461	.401	9.590	-	1.430
578.2425	.142	9.148	-	1.123					
AP Pup									
543.2444	.126	7.182	-	.868	578.2002	.001	7.022	.386	-
568.2275	.040	7.086	.400	-	580.2002	.395	7.477	.501	-
570.2251	.433	7.499	.517	-	581.2153	.594	7.644	.537	-
571.2114	.627	7.652	.540	-	582.1984	.788	7.647	.513	-
572.2078	.823	7.560	.508	-	582.2860	.805	7.608	.510	-
573.2205	.022	7.054	.404	-	583.2222	.989	7.062	.391	-
575.2077	.413	7.482	.509	-	583.2562	.996	7.055	.387	-
576.2029	.609	7.633	.522	-	584.1984	.181	7.232	-	.882
576.2432	.616	7.634	.526	-	584.2718	.196	7.248	.447	-
AQ Pup									
542.3929	.852	9.209	-	1.710	578.2015	.041	-	-	1.263
543.2687	.881	9.216	-	1.658	578.2459	.043	8.102	-	1.258
568.2631	.711	9.186	-	1.750	580.2028	.108	8.220	-	1.359
570.2397	.777	9.171	-	1.713	580.2551	.110	8.250	-	1.354
571.2269	.810	9.209	-	1.719	582.2115	.175	8.352	-	1.447
572.2224	.843	9.228	-	1.724	582.2674	.177	8.345	-	1.446
573.2341	.876	9.212	-	1.685	583.2300	.208	8.392	-	1.488
575.2228	.942	8.947	-	1.568	583.2633	.210	8.401	-	1.488
575.2456	.943	8.936	-	1.566	584.2016	.241	8.449	-	1.517
576.2194	.976	8.336	-	1.322	584.2493	.242	8.451	-	1.519
576.2511	.977	8.330	-	1.322					
AT Pup									
542.3993	.545	8.254	-	1.045	576.2536	.624	8.362	-	1.064
543.2720	.675	8.436	-	1.089	578.2231	.919	7.793	-	.796

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>
568.2680	.426	8.091	-	.998	578.2482	.923	7.779	-	.783
570.2441	.722	8.435	-	1.062	580.2066	.217	7.880	-	.890
571.2305	.870	8.037	-	.902	580.2574	.225	7.907	-	.902
572.2261	.020	7.575	-	.741	582.2140	.518	8.256	-	1.039
573.2377	.171	7.795	-	.855	582.2701	.527	8.255	-	1.046
575.2252	.470	8.192	-	1.032	583.2323	.671	8.419	-	1.080
575.2478	.473	8.196	-	1.031	583.2662	.676	8.430	-	1.075
576.2220	.619	8.363	-	1.064	584.2050	.817	8.311	-	.991
CE Pup									
542.4022	.020	11.566	.879	-	578.2246	.743	12.285	1.042	-
543.2756	.037	-	.860	-	578.2840	.744	12.276	1.046	-
568.2736	.542	11.922	1.020	-	580.2206	.783	12.338	1.059	-
570.2458	.582	11.974	1.027	-	580.2601	.784	12.342	1.042	-
571.2337	.602	12.025	1.051	-	582.2163	.823	12.332	1.051	-
572.2273	.622	12.050	1.061	-	582.2716	.825	12.327	1.056	-
573.2391	.642	12.087	1.064	-	583.2338	.844	12.308	1.048	-
575.2266	.682	12.188	1.068	-	583.2675	.845	12.307	1.031	-
575.2491	.683	12.184	1.051	-	584.2206	.864	12.259	1.005	-
576.2233	.702	12.210	1.060	-	584.2580	.865	12.268	1.017	-
576.2550	.703	12.206	1.053	-					
EK Pup									
543.2642	.741	10.705	-	1.064	578.2434	.062	10.512	-	.981
568.2528	.257	10.669	-	1.067	580.2172	.813	10.597	-	1.006
570.2364	.013	10.455	-	.947	580.2522	.827	10.597	-	.996
571.2223	.388	10.768	-	1.091	581.2241	.197	10.664	-	1.029
572.2194	.768	10.653	-	1.044	582.2084	.572	10.860	-	1.109
573.2308	.153	10.563	-	1.020	582.2641	.593	10.856	-	1.108
575.2201	.910	10.498	-	.979	583.2275	.960	10.467	-	.952
575.2421	.919	10.487	-	.966	583.2609	.972	10.477	-	.977
576.2162	.290	10.702	-	1.067	584.2166	.336	10.741	-	1.069
576.2484	.302	10.706	-	1.060	584.2470	.348	10.757	-	1.095
578.2180	.052	10.502	-	.987					
MY Pup									
568.2133	.576	5.755	-	.806	580.1921	.680	5.733	-	.792
570.2159	.928	5.566	-	.717	581.2030	.857	5.616	-	.746
571.2035	.101	5.600	-	.756	581.2086	.858	5.617	-	.745
572.1975	.276	5.691	-	.800	582.1880	.030	5.594	-	.738
573.1997	.452	5.740	-	.815	582.2562	.042	5.567	-	.725
575.1971	.803	5.632	-	.763	583.2148	.211	5.633	-	.767
576.1947	.978	5.569	-	.735	583.2518	.217	5.636	-	.770
576.2397	.986	5.563	-	.730	584.1883	.382	5.708	-	.794
578.1912	.328	5.658	-	.793	584.2536	.393	5.723	-	.812
V335 Pup									
542.3881	.011	8.661	-	.908	576.2177	.969	8.655	-	.892
543.2669	.192	8.791	-	.962	576.2498	.976	8.651	-	.894
568.2606	.333	8.819	-	.974	578.2196	.381	8.821	-	.968
570.2384	.739	8.592	-	.860	578.2449	.386	8.831	-	.971

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>
571.2257	.943	8.623	-	.887	580.2013	.789	8.604	-	.869
572.2213	.147	8.760	-	.962	580.2540	.800	8.626	-	.872
573.2329	.355	8.803	-	.969	581.2264	1.000	-	-	.914
575.2218	.764	8.598	-	.886	582.2102	.202	8.785	-	.953
575.2445	.769	8.602	-	.874	582.2659	.213	8.796	-	.970
583.2288	.411	8.816	-	.963	584.1995	.611	8.718	-	.905
583.2622	.418	8.808	-	.953	584.2482	.621	8.714	-	.920
U Sgr									
570.6545	.179	6.489	-	1.200	578.5427	.348	6.627	-	1.290
573.5308	.605	6.953	-	1.368	578.6095	.358	6.625	-	1.292
573.6233	.619	6.953	-	1.388	578.6647	.366	6.629	-	1.289
573.6692	.625	6.967	-	1.392	580.4879	.636	6.987	-	1.389
574.5580	.757	7.065	-	1.393	580.6006	.653	7.000	-	1.399
575.5117	.899	6.709	-	1.252	582.5804	.947	6.552	-	1.182
575.6044	.912	6.706	-	1.249	582.6274	.954	6.532	-	1.174
575.6541	.920	6.641	-	1.217	582.6757	.961	6.490	-	1.158
576.5575	.054	6.346	-	1.121	583.5730	.094	6.392	-	1.150
576.6674	.070	6.357	-	1.135	584.5608	.240	6.572	-	1.253
577.5652	.203	6.533	-	1.232	584.6196	.249	6.588	-	1.261
577.6218	.211	6.540	-	1.236	584.6661	.256	6.590	-	1.257
577.6662	.218	6.548	-	1.241					
W Sgr									
570.6586	.447	4.804	-	.904	578.5451	.485	4.846	-	.937
573.5334	.826	4.781	-	.821	578.6124	.494	4.848	-	.935
573.6259	.838	4.731	-	.824	578.6674	.502	4.861	-	.935
573.6724	.844	4.708	-	.818	580.4906	.742	5.035	-	.940
574.5605	.961	4.285	-	.653	580.6027	.756	5.010	-	.933
575.5151	.086	4.420	-	.735	582.5827	.017	4.304	-	.667
575.6068	.099	4.466	-	.752	582.6296	.023	4.320	-	.667
575.6563	.105	4.446	-	.738	582.6779	.030	4.315	-	.671
576.5599	.224	4.491	-	.796	583.5754	.148	4.521	-	.785
576.6698	.238	4.482	-	.797	584.5635	.278	4.483	-	.783
577.5675	.357	4.708	-	.882	584.6217	.285	4.503	-	.801
577.6241	.364	4.728	-	.890	584.6680	.292	4.496	-	.790
577.6684	.370	4.733	-	.889					
X Sgr									
570.6599	.568	4.805	-	1.002	578.5462	.693	4.832	-	1.006
573.5350	.978	4.219	-	.762	578.6135	.702	4.824	-	1.007
573.6271	.991	4.228	-	.782	578.6685	.710	4.814	-	.995
573.6736	.998	4.225	-	.784	580.4916	.970	4.239	-	.776
574.5618	.125	4.355	-	.853	580.6038	.986	4.233	-	.777
575.5180	.261	4.497	-	.917	582.5838	.269	4.492	-	.915
575.6086	.274	4.520	-	.920	582.6308	.275	4.501	-	.912
575.6575	.281	4.501	-	.913	582.6790	.282	4.496	-	.908
576.5610	.410	4.655	-	.974	583.5766	.410	4.665	-	.978
576.6710	.425	4.670	-	.977	584.5645	.551	4.800	-	1.008
577.5689	.553	4.804	-	1.012	584.6227	.559	4.813	-	1.011

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>
577.6253	.561	4.804	-	1.008	584.6690	.566	4.806	-	1.000
577.6695	.568	4.807	-	1.013					
Y Sgr									
570.6565	.888	5.672	-	.903	577.5662	.085	5.437	-	.842
573.5321	.386	5.783	-	1.003	577.6229	.095	5.455	-	.857
573.6246	.402	5.798	-	1.019	577.6672	.103	5.463	-	.863
573.6710	.410	5.805	-	1.028	578.5439	.254	5.648	-	.968
574.5592	.564	5.983	-	1.072	578.6109	.266	5.654	-	.976
575.5138	.730	6.077	-	1.069	578.6662	.276	5.671	-	.978
575.6303	.750	6.072	-	1.052	580.4893	.591	6.018	-	1.080
576.5586	.911	5.602	-	.889	580.6016	.611	6.021	-	1.077
576.6687	.930	5.511	-	.845	582.5815	.954	5.423	-	.811
582.6284	.962	5.408	-	.807	584.5622	.297	5.700	-	.969
582.6767	.970	5.375	-	.788	584.6206	.307	5.721	-	.999
583.5741	.126	5.499	-	.885	584.6670	.315	5.718	-	.977
WZ Sgr									
568.5607	.342	8.069	-	1.581	577.6412	.758	8.468	-	1.640
570.5094	.432	8.165	-	1.613	578.5202	.798	8.405	-	1.616
572.4599	.521	8.324	-	1.677	578.5864	.801	8.399	-	1.616
572.5515	.525	8.345	-	1.658	578.6436	.804	8.390	-	1.616
573.5895	.573	8.415	-	1.669	579.5676	.846	8.342	-	1.594
573.6455	.575	8.426	-	1.682	580.4645	.887	8.339	-	1.567
574.5257	.615	8.484	-	1.690	580.5760	.892	8.330	-	1.559
574.5847	.618	8.469	-	1.685	580.6258	.895	8.312	-	1.556
575.4855	.659	8.516	-	1.685	582.5573	.983	7.529	-	1.275
575.5716	.663	8.519	-	1.691	582.6049	.985	7.539	-	1.280
575.6357	.666	8.518	-	1.680	582.6529	.987	7.510	-	1.277
576.5322	.707	8.517	-	1.674	583.4923	.026	7.455	-	1.277
576.6133	.711	8.511	-	1.670	583.6046	.031	7.465	-	1.279
576.6513	.713	8.506	-	1.667	584.5402	.074	7.525	-	1.316
577.5420	.754	8.481	-	1.648	584.5964	.076	7.529	-	1.330
577.6000	.756	8.477	-	1.642	584.6441	.079	7.531	-	1.335
YZ Sgr									
570.6367	.985	7.067	-	1.017	577.6161	.715	7.397	-	1.125
572.6365	.194	7.296	-	1.129	577.6585	.720	7.384	-	1.121
573.5181	.286	7.408	-	1.178	578.5365	.811	7.188	-	1.058
573.6156	.296	7.404	-	1.202	578.6035	.818	7.174	-	1.057
573.6527	.300	7.408	-	1.203	578.6587	.824	7.165	-	1.053
574.5463	.394	7.566	-	1.242	580.4811	.015	7.020	-	1.016
574.6050	.400	7.582	-	1.249	580.5944	.027	7.004	-	1.017
575.5047	.494	7.679	-	1.258	582.5744	.234	7.315	-	1.164
575.5977	.504	7.708	-	1.266	582.6216	.239	7.333	-	1.161
575.6480	.509	7.691	-	1.257	582.6684	.244	7.332	-	1.163
576.5507	.604	7.639	-	1.233	583.5667	.338	7.494	-	1.220
576.6336	.612	7.625	-	1.227	584.5554	.441	7.634	-	1.261
576.6638	.615	7.610	-	1.214	584.6133	.448	7.634	-	1.254
577.5589	.709	7.405	-	1.131	584.6583	.452	7.638	-	1.253

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>
AP Sgr									
570.6408	.787	7.335	-	1.032	577.6627	.176	6.716	-	.840
572.6418	.183	6.741	-	.850	578.5388	.349	6.937	-	.956
573.5211	.357	6.933	-	.943	578.6056	.362	6.946	-	.960
573.6183	.376	6.969	-	.964	578.6609	.373	6.962	-	.966
573.6553	.383	6.978	-	.973	580.4836	.733	7.313	-	1.052
574.5488	.560	7.158	-	1.025	580.5968	.756	7.317	-	1.052
575.5072	.749	7.321	-	1.048	582.5768	.147	6.669	-	.814
575.6003	.768	7.344	-	1.044	582.6237	.156	6.693	-	.817
575.6503	.778	7.319	-	1.034	582.6709	.166	6.697	-	.821
576.5531	.956	6.816	-	.843	583.5692	.343	6.950	-	.952
576.6360	.973	6.725	-	.803	584.5576	.539	7.133	-	1.014
576.6662	.979	6.699	-	.797	584.6162	.550	7.154	-	1.025
577.5614	.156	6.689	-	.821	584.6604	.559	7.153	-	1.020
577.6183	.167	6.703	-	.832					
BB Sgr									
570.6355	.302	6.893	-	1.104	573.6511	.756	7.209	-	1.202
573.5173	.736	7.221	-	1.177	574.5455	.891	6.899	-	1.066
573.6147	.751	7.218	-	1.197	574.6043	.900	6.889	-	1.065
575.5035	.035	6.653	-	.981	578.6580	.511	7.071	-	1.187
575.5970	.049	6.686	-	.997	580.4800	.785	7.168	-	1.174
575.6472	.057	6.683	-	1.002	580.5937	.802	7.118	-	1.154
576.5499	.193	6.822	-	1.087	582.5737	.101	6.710	-	1.019
576.6328	.205	6.828	-	1.093	582.6209	.108	6.735	-	1.024
576.6631	.210	6.832	-	1.091	582.6677	.115	6.729	-	1.024
577.5582	.345	6.921	-	1.133	583.5659	.250	6.884	-	1.103
577.6154	.354	6.924	-	1.133	584.5548	.399	6.974	-	1.150
577.6578	.360	6.931	-	1.141	584.6126	.408	6.983	-	1.156
578.5357	.492	7.065	-	1.184	584.6577	.415	6.989	-	1.154
578.6028	.502	7.066	-	1.188					
V350 Sgr									
570.6386	.391	7.581	-	1.110	577.6169	.745	7.778	-	1.143
572.6379	.779	7.737	-	1.126	577.6593	.753	7.762	-	1.140
573.5194	.950	7.074	-	.868	578.5373	.923	7.144	-	.914
573.6165	.969	7.081	-	.898	578.6043	.936	7.104	-	.904
573.6537	.976	7.081	-	.896	578.6595	.947	7.086	-	.896
574.5472	.149	7.303	-	1.010	580.4823	.301	7.491	-	1.102
574.6060	.161	7.338	-	1.025	580.5952	.323	7.504	-	1.101
575.5056	.335	7.527	-	1.110	582.5753	.707	7.801	-	1.157
575.5987	.353	7.566	-	1.117	582.6224	.716	7.808	-	1.150
575.6489	.363	7.561	-	1.121	582.6695	.725	7.791	-	1.147
576.5516	.538	7.705	-	1.158	583.5677	.899	7.247	-	.943
576.6344	.554	7.715	-	1.161	584.5562	.091	7.219	-	.964
576.6646	.560	7.725	-	1.162	584.6143	.103	7.241	-	.982
577.5599	.734	7.792	-	1.152	584.6591	.111	7.241	-	.971
V773 Sgr									
568.5576	.426	12.543	-	2.870	577.6401	.006	12.021	-	2.669

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>
570.4943	.763	12.609	-	2.849	578.5187	.159	12.208	-	2.778
572.4536	.103	12.150	-	2.732	578.5851	.170	12.201	-	2.779
572.5497	.120	12.160	-	2.731	578.6372	.179	12.208	-	2.779
573.4903	.284	12.343	-	2.822	579.5403	.336	12.420	-	2.863
573.5859	.300	12.375	-	2.842	579.5663	.341	12.417	-	2.851
573.6652	.314	12.390	-	2.850	580.4630	.497	12.581	-	2.899
574.5243	.464	12.533	-	2.883	580.5748	.516	12.597	-	2.905
574.5835	.474	12.546	-	2.882	580.6247	.525	12.606	-	2.899
575.4839	.631	12.716	-	2.919	582.5561	.861	12.246	-	2.716
575.5701	.646	12.708	-	2.904	582.6035	.869	12.225	-	2.700
575.6343	.657	12.718	-	2.907	582.6517	.878	12.160	-	2.673
576.4737	.803	12.496	-	2.817	583.4910	.024	12.047	-	2.681
576.5306	.813	12.437	-	2.800	583.6033	.043	12.072	-	2.678
576.6117	.827	12.389	-	2.782	584.4603	.192	12.241	-	2.783
576.6502	.834	12.349	-	2.768	584.5948	.216	12.275	-	2.791
577.5407	.988	11.993	-	2.653	584.6430	.224	12.278	-	2.784
577.5990	.999	12.002	-	2.651					
RV Sco									
570.6487	.161	6.840	-	1.077	575.6539	.987	6.613	-	.949
572.6475	.491	7.226	-	1.245	576.5576	.136	6.807	-	1.079
573.5263	.636	7.363	-	1.264	576.6401	.149	6.818	-	1.079
573.6227	.652	7.380	-	1.287	577.5652	.302	7.031	-	1.178
573.6618	.658	7.387	-	1.285	577.6219	.311	7.031	-	1.172
574.5531	.805	7.350	-	1.230	577.6662	.319	7.032	-	1.183
575.5113	.963	6.661	-	.969	578.5426	.463	7.159	-	1.232
575.6043	.979	6.641	-	.962	578.6096	.474	7.179	-	1.239
578.6644	.483	7.204	-	1.245	583.5728	.293	7.026	-	1.178
580.6007	.803	7.356	-	1.244	584.5608	.456	7.149	-	1.220
582.5803	.129	6.790	-	1.058	584.6197	.466	7.172	-	1.227
582.6271	.137	6.807	-	1.063	584.6640	.473	7.177	-	1.238
582.6753	.145	6.811	-	1.070					
RY Sco									
568.5504	.403	7.757	-	1.669	577.5976	.848	8.328	-	1.891
570.5057	.499	7.904	-	1.621	578.5173	.894	8.335	-	1.892
572.4473	.595	7.988	-	1.825	578.5828	.897	8.328	-	1.888
572.5479	.600	8.018	-	1.819	578.6361	.899	8.324	-	1.887
573.5845	.651	8.091	-	1.839	579.5390	.944	8.349	-	1.880
573.6442	.654	8.090	-	1.850	579.5651	.945	8.357	-	1.885
574.5227	.697	8.152	-	1.872	580.4618	.989	8.337	-	1.867
574.5625	.700	8.157	-	1.869	580.5736	.995	8.336	-	1.861
575.4818	.744	8.229	-	1.882	580.6233	.997	8.335	-	1.859
575.5687	.748	8.225	-	1.888	582.5506	.092	8.310	-	1.820
575.6329	.752	8.226	-	1.885	582.6022	.095	-	-	1.821
576.4721	.793	-	-	1.905	582.6506	.097	8.311	-	1.817
576.5293	.796	8.270	-	1.899	583.4897	.138	8.186	-	1.776
576.6099	.800	8.280	-	1.894	583.6021	.144	8.172	-	1.765
576.6491	.802	8.268	-	1.894	584.5937	.193	7.798	-	1.637
577.5394	.845	8.322	-	1.892	584.6416	.195	7.782	-	1.634

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>
V470 Sco									
568.5472	.427	11.004	1.467	2.821	577.5950	.983	11.119	1.439	2.782
570.4883	.546	11.169	1.500	2.865	577.6373	.986	11.096	1.432	2.774
572.4335	.666	11.338	1.509	2.911	578.4860	.038	10.724	1.364	2.657
572.5399	.672	11.333	1.528	2.915	578.5779	.044	10.680	1.361	2.638
573.4027	.725	11.338	1.501	2.884	578.6333	.047	10.648	1.353	2.629
573.4845	.730	11.345	1.519	2.898	579.5374	.103	10.478	1.317	2.579
573.5786	.736	11.365	1.520	2.912	580.4591	.159	10.572	1.347	2.623
574.5129	.794	11.364	1.514	2.899	580.5713	.166	10.583	1.342	2.636
575.3827	.847	11.335	1.503	2.890	580.6205	.169	10.594	1.339	2.635
575.4775	.853	11.349	1.506	2.878	582.4741	.283	10.756	1.404	2.714
575.5632	.858	11.321	1.487	2.851	582.5963	.291	10.800	1.403	2.726
575.6280	.862	11.316	1.468	2.859	582.6441	.294	10.772	1.410	2.716
576.4691	.914	11.289	1.482	2.857	583.4790	.345	10.867	1.444	2.782
576.5265	.917	11.281	1.462	2.846	583.5969	.352	10.883	1.446	2.778
576.5890	.921	11.284	1.478	2.855	584.4365	.404	10.946	1.461	2.811
576.6466	.925	11.268	1.480	2.837	584.5883	.413	10.951	1.452	2.811
577.5365	.980	11.133	1.448	2.789	584.6365	.416	10.965	1.470	2.818
V482 Sco									
568.5496	.507	8.154	-	1.218	576.5286	.269	7.889	-	1.148
570.5048	.939	7.750	-	1.024	576.6093	.287	7.911	-	1.160
572.4459	.368	7.999	-	1.201	576.6484	.296	7.926	-	1.172
572.5472	.390	8.044	-	1.210	577.6393	.515	8.136	-	1.236
573.4876	.598	8.168	-	1.225	578.5167	.709	8.233	-	1.248
573.5838	.619	-	-	1.256	578.5820	.723	8.237	-	1.254
573.6435	.632	8.200	-	1.243	578.6356	.735	8.232	-	1.244
574.5220	.826	8.143	-	1.189	579.5646	.940	7.765	-	1.055
574.5820	.840	8.107	-	1.181	580.4611	.138	7.724	-	1.066
575.4807	.038	7.619	-	1.001	580.5730	.163	7.754	-	1.087
575.5678	.057	7.636	-	1.011	580.6226	.174	7.771	-	1.096
575.6323	.072	7.650	-	1.021	582.5497	.599	8.185	-	1.246
576.4713	.257	7.880	-	1.154	582.6014	.611	-	-	1.241
582.6499	.621	8.199	-	1.233	584.5932	.051	7.622	-	1.007
583.4890	.807	8.199	-	1.216	584.6383	.061	7.630	-	1.014
583.6014	.832	8.152	-	1.185					
V636 Sco									
570.6444	.646	6.896	-	1.097	577.6647	.679	6.905	-	1.103
572.6452	.940	6.588	-	.968	578.5412	.808	6.853	-	1.076
573.5240	.070	6.380	-	.889	578.6081	.818	6.834	-	1.062
573.6211	.084	6.385	-	.905	578.6630	.826	6.825	-	1.064
573.6599	.090	6.386	-	.909	580.4858	.094	6.407	-	.915
574.5515	.221	6.521	-	.975	580.5987	.111	6.422	-	.917
575.5096	.362	6.610	-	1.014	582.5789	.402	6.639	-	1.032
575.6025	.375	6.638	-	1.024	582.6256	.409	6.657	-	1.034
575.6524	.383	6.626	-	1.022	582.6731	.416	6.650	-	1.030
576.5555	.516	6.765	-	1.079	583.5713	.548	6.799	-	1.082
576.6382	.528	6.763	-	1.078	584.5594	.693	6.916	-	1.103
577.5636	.664	6.903	-	1.106	584.6183	.702	6.912	-	1.100
577.6204	.672	6.906	-	1.105	584.6626	.709	6.924	-	1.107

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>
V950 Sco									
570.6432	.167	7.225	-	.868	577.6639	.244	7.273	-	.912
572.6435	.759	7.352	-	.914	578.5404	.503	7.448	-	.978
573.5228	.019	7.116	-	.827	578.6072	.523	7.445	-	.977
573.6200	.047	7.134	-	.853	578.6621	.539	7.449	-	.976
573.6569	.058	7.135	-	.852	580.4849	.078	7.150	-	.851
574.5506	.323	7.357	-	.945	580.5980	.112	7.172	-	.863
574.6089	.340	7.385	-	.957	582.5781	.698	7.379	-	.931
575.5086	.606	7.457	-	.967	582.6248	.712	7.373	-	.916
575.6017	.634	7.459	-	.969	582.6721	.726	7.354	-	.918
575.6516	.649	7.421	-	.939	583.5705	.991	7.147	-	.841
576.5545	.916	7.175	-	.845	584.5587	.284	7.316	-	.921
576.6373	.940	7.156	-	.850	584.6176	.301	7.331	-	.932
577.5628	.214	7.252	-	.900	584.6618	.314	7.341	-	.937
577.6196	.231	7.263	-	.903					
X Sct									
568.5623	.996	9.551	.616	-	577.6418	.159	9.765	.682	-
570.5248	.463	10.226	-	-	578.5208	.368	10.084	.764	-
572.4623	.925	9.843	.691	-	578.5871	.384	10.099	.777	-
572.5523	.946	9.677	.655	-	578.6442	.398	10.110	.780	-
573.4953	.171	9.762	.679	-	579.5685	.618	10.340	.800	-
573.5905	.194	9.815	.698	-	580.4650	.831	10.307	.787	-
573.6621	.211	9.843	.704	-	580.5765	.858	10.211	.758	-
574.5266	.417	10.143	.778	-	580.6264	.870	10.171	.755	-
574.5882	.431	10.157	.779	-	582.5579	.330	10.027	.746	-
575.4866	.645	10.359	.788	-	582.6054	.341	10.074	.756	-
575.5725	.666	10.375	.806	-	582.6535	.353	10.060	.756	-
575.6364	.681	10.379	.797	-	583.5488	.566	10.310	.782	-
576.5332	.895	10.036	.710	-	583.6053	.579	10.319	.801	-
576.6144	.914	9.914	.693	-	584.5407	.802	10.353	.792	-
576.6519	.923	9.843	.684	-	584.5968	.815	10.337	.781	-
577.5427	.135	9.717	.667	-	584.6446	.827	10.310	.783	-
577.6014	.149	9.747	.677	-					
EV Sct									
568.5755	.047	10.006	-	1.413	572.5624	.337	10.173	-	1.497
570.6051	.704	10.216	-	1.482	573.5048	.642	10.243	-	1.491
572.4756	.309	10.139	-	1.477	573.5978	.672	10.235	-	1.502
573.6486	.689	10.230	-	1.501	578.6485	.306	10.144	-	1.492
574.5334	.975	10.004	-	1.417	579.5735	.605	10.288	-	1.524
574.5933	.994	9.999	-	1.417	580.4709	.896	10.072	-	1.447
575.4935	.285	10.128	-	1.463	580.5807	.931	10.025	-	1.424
575.5775	.313	10.172	-	1.495	580.6317	.948	10.021	-	1.429
575.6410	.333	10.163	-	1.474	582.5626	.572	10.265	-	1.511
576.5405	.624	10.265	-	1.513	582.6102	.588	10.292	-	1.516
576.6201	.650	10.260	-	1.520	582.6576	.603	10.274	-	1.521
577.5475	.950	10.030	-	1.430	583.5536	.893	10.077	-	1.428
577.6058	.969	10.013	-	1.415	583.6099	.911	10.075	-	1.437
577.6460	.982	10.008	-	1.418	584.5448	.214	10.066	-	1.447

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>
578.5254	.266	10.111	-	1.480	584.6010	.232	10.092	-	1.461
578.5917	.288	10.125	-	1.493	584.6486	.247	10.084	-	1.433
EW Sct									
568.5776	.179	7.761	1.058	2.106	577.6466	.736	8.033	1.110	2.200
570.5158	.512	8.203	1.148	2.263	578.5261	.887	7.989	1.097	2.178
570.6079	.528	8.221	1.149	2.262	578.5924	.899	7.972	1.095	2.171
572.4776	.849	7.709	1.013	2.056	578.6418	.907	7.948	1.092	2.166
572.5654	.864	7.714	1.033	2.071	578.6492	.908	7.947	1.095	2.163
573.5070	.025	7.840	1.052	2.117	578.6706	.912	7.950	1.091	2.160
573.5987	.041	7.874	1.076	2.152	579.5742	.067	7.780	1.040	2.079
573.6499	.050	7.882	1.083	2.153	580.4716	.221	7.776	1.050	2.118
574.5342	.202	7.987	1.104	2.192	580.5813	.240	7.784	1.055	2.119
574.5939	.212	7.997	1.110	2.200	580.6323	.249	7.791	1.059	2.127
575.4944	.367	8.007	1.084	2.184	582.5632	.581	8.209	1.142	2.261
575.5782	.381	8.023	1.094	2.192	582.6109	.589	8.235	1.144	2.258
575.6417	.392	8.030	1.106	2.197	582.6582	.597	8.218	1.137	2.252
576.5413	.546	7.952	1.085	2.174	583.5543	.751	8.053	1.099	2.184
576.6210	.560	7.948	1.093	2.173	583.6107	.760	8.029	1.089	2.166
576.6569	.566	7.943	1.090	2.171	584.5453	.921	7.625	1.017	2.036
577.5484	.719	8.027	1.106	2.193	584.6016	.931	7.624	1.014	2.035
577.6065	.729	8.029	1.107	2.196	584.6494	.939	7.619	.999	2.032
V367 Sct									
568.5645	.684	11.792	1.219	2.368	577.6434	.127	11.512	1.152	2.306
570.5950	.007	11.434	1.118	2.234	578.5227	.267	11.662	1.207	2.365
572.4697	.305	11.517	1.160	2.320	578.5888	.277	11.659	1.200	2.366
572.5560	.318	11.545	1.186	2.338	578.6395	.285	11.666	1.205	2.375
572.5592	.319	11.543	1.179	2.328	578.6458	.286	11.663	1.194	2.368
573.5006	.469	11.754	1.218	2.399	579.5705	.433	11.714	1.190	2.364
573.5947	.484	11.768	1.215	2.402	580.4672	.576	11.662	1.185	2.354
573.6671	.495	11.796	1.227	2.420	580.5782	.593	11.641	1.177	2.334
574.5298	.632	11.866	1.233	2.421	580.6291	.601	11.647	1.182	2.355
574.5910	.642	11.857	1.217	2.417	582.5599	.908	11.540	1.138	2.281
575.4899	.785	11.632	1.149	2.300	582.6074	.916	11.570	1.146	2.294
575.5747	.798	11.606	1.164	2.303	582.6552	.923	11.547	1.148	2.289
575.6383	.808	11.579	1.157	2.295	583.5508	.066	11.490	1.140	2.273
576.5356	.951	11.296	1.086	2.206	583.6070	.075	11.478	1.146	2.272
576.6171	.964	11.317	1.124	2.222	584.5423	.223	11.411	1.135	2.267
576.6536	.970	11.308	1.106	2.210	584.5985	.232	11.406	1.129	2.255
577.5446	.111	11.493	1.152	2.294	584.6462	.240	11.398	1.137	2.256
577.6031	.120	11.511	1.156	2.300					
AA Ser									
570.6103	.028	11.889	-	2.568	572.5674	.142	12.063	-	2.660
572.4801	.137	12.060	-	2.646	573.5088	.197	12.135	-	2.677
573.5999	.202	12.154	-	2.687	578.6502	.497	12.587	-	2.790
574.5354	.257	12.241	-	2.701	579.5755	.551	12.657	-	2.782
574.5948	.260	12.255	-	2.718	580.4725	.603	12.604	-	2.758
575.4961	.313	12.329	-	2.728	580.5825	.609	12.588	-	2.763
575.5795	.317	12.357	-	2.731	580.6334	.612	12.616	-	2.777
575.6428	.321	12.362	-	2.741	582.5642	.725	12.381	-	2.667

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>
576.5427	.374	12.419	-	2.745	582.6117	.728	12.394	-	2.661
576.6222	.378	12.452	-	2.767	582.6592	.731	12.387	-	2.676
577.5496	.432	12.518	-	2.775	583.5552	.783	12.372	-	2.657
577.6074	.436	12.536	-	2.785	583.6125	.786	12.383	-	2.664
577.6476	.438	12.527	-	2.766	584.5464	.841	12.065	-	2.554
578.5275	.489	12.591	-	2.781	584.6026	.844	12.052	-	2.559
578.5936	.493	12.586	-	2.778	584.6504	.847	12.019	-	2.536
BQ Ser									
570.5192	.044	9.268	.824	1.671	578.5240	.918	9.345	.837	1.678
570.6025	.063	9.313	.828	1.692	578.5902	.934	9.297	.830	1.673
572.4735	.501	9.643	.868	1.781	578.6407	.945	9.263	.823	1.661
572.5606	.522	9.630	.905	1.799	578.6471	.947	9.264	.831	1.659
573.5031	.742	9.512	.864	1.751	578.6721	.953	9.244	.818	1.647
573.5962	.764	9.531	.884	1.772	579.5721	.163	9.384	.849	1.740
573.6461	.776	9.525	.872	1.766	580.4692	.374	9.637	.917	1.831
574.5316	.983	9.457	.857	1.737	580.5793	.399	9.659	.927	1.846
574.5919	.997	9.448	.860	1.744	580.6304	.411	9.670	.892	1.824
575.4920	.208	9.316	.836	1.704	582.5612	.863	9.403	.848	1.704
575.5760	.228	9.317	.826	1.697	582.6088	.874	9.420	.849	1.700
575.6394	.243	9.334	.837	1.698	582.6563	.886	9.390	.846	1.706
576.5392	.453	9.515	.893	1.793	583.5520	.095	9.475	.875	1.760
576.6185	.472	9.535	.893	1.793	583.6086	.109	9.465	.863	1.742
576.6547	.480	9.552	.897	1.796	584.5435	.328	9.473	.882	1.752
577.5459	.689	9.756	.927	1.858	584.5997	.341	9.481	.888	1.761
577.6042	.703	9.747	.924	1.852	584.6473	.352	9.473	.867	1.762
577.6445	.712	9.760	.926	1.852					
R TrA									
570.6665	.535	6.855	-	916	578.4063	.819	6.740	-	.824
572.4046	.048	6.392	-	716	578.4800	.840	6.669	-	.804
572.5258	.084	6.445	-	743	578.5723	.868	6.585	-	.772
573.3895	.338	6.717	-	871	578.6270	.884	6.526	-	.754
573.4755	.364	6.721	-	873	579.5315	.151	6.516	-	.796
573.5705	.392	6.749	-	.886	580.4525	.422	6.789	-	.895
574.5044	.667	-	-	.896	580.5660	.456	6.807	-	.906
575.3719	.923	6.414	-	.711	580.6151	.470	6.822	-	.903
575.4693	.952	6.368	-	.697	582.4685	.017	6.348	-	.691
575.5559	.978	6.347	-	.699	582.5907	.053	6.384	-	.706
575.6207	.997	6.345	-	.686	582.6376	.067	6.396	-	.716
576.4623	.245	6.616	-	.829	583.4736	.314	6.697	-	.865
576.5193	.262	6.619	-	.830	583.5910	.348	6.727	-	.879
576.5824	.281	6.652	-	.844	584.4308	.596	6.882	-	.907
577.5301	.560	6.866	-	.906	584.5823	.641	6.890	-	.910
577.5890	.578	6.876	-	.915	584.6307	.655	6.892	-	.911
577.6319	.590	6.874	-	.912					
S TrA									
570.6654	.517	6.579	-	.913	573.3885	.947	6.140	-	.677
572.4032	.791	6.740	-	.889	573.4745	.961	6.081	-	.661
572.5246	.811	6.672	-	.884	573.5697	.976	6.034	-	.648

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>
573.6365	.986	6.022	-	.649	578.5716	.767	6.746	-	.924
574.5035	.123	6.142	-	.719	578.6263	.775	6.733	-	.915
575.3710	.261	6.308	-	.816	579.5307	.918	6.281	-	.739
575.4685	.276	6.323	-	.807	580.4518	.064	6.053	-	.669
575.5551	.290	6.340	-	.814	580.5653	.082	6.075	-	.687
575.6198	.300	6.366	-	.807	580.6144	.090	6.085	-	.688
576.4615	.433	6.458	-	.876	582.4666	.383	6.386	-	.839
576.5187	.442	6.471	-	.875	582.5897	.402	6.408	-	.848
576.5817	.452	6.487	-	.871	582.6364	.410	6.409	-	.841
577.5294	.602	6.669	-	.925	583.4728	.542	6.615	-	.922
577.5884	.611	6.675	-	.930	583.5903	.560	6.622	-	.912
577.6310	.618	6.675	-	.927	584.4301	.693	6.748	-	.932
578.4055	.741	6.766	-	.927	584.5816	.717	6.759	-	.933
578.4789	.752	6.758	-	.930	584.6294	.725	6.759	-	.934
U TrA									
542.6677	.737	8.215	.431	.818	577.5866	.333	8.002	.391	.769
568.5308	.807	8.274	.434	.825	577.6291	.349	8.020	.396	.769
570.4431	.552	8.171	.420	.811	578.4003	.650	8.131	.406	.783
572.4000	.313	7.898	.364	.720	578.4764	.679	8.118	.412	.793
572.5220	.361	7.924	.371	.736	578.5670	.715	8.125	.400	.779
573.3847	.697	8.138	.412	.799	578.6209	.735	8.114	.416	.786
573.4722	.731	8.150	.409	.796	579.5223	.086	7.576	.287	.580
573.5653	.767	8.181	.404	.809	580.4497	.448	8.013	.388	.771
573.6315	.793	8.183	.422	.806	580.5634	.492	8.056	.403	.796
574.5015	.132	7.553	.290	.578	580.6122	.511	8.093	.419	.805
574.5775	.161	7.622	.305	.607	582.4648	.232	7.867	.363	.718
575.3684	.469	8.124	.422	.810	582.5472	.264	7.910	.377	.736
575.4660	.507	8.140	.418	.817	583.4711	.624	8.199	.420	.818
575.5533	.541	8.169	.432	.826	583.5883	.670	8.188	.418	.801
575.6174	.566	8.200	.451	.850	584.4285	.997	7.809	.328	.651
576.4596	.894	7.716	.305	.617	584.4928	.022	7.795	.333	.654
576.5165	.916	7.626	.285	.582	584.4981	.024	7.794	.325	.650
576.5799	.941	7.575	.273	.560	584.5796	.055	7.791	.343	.665
577.5273	.310	7.981	.377	.758	584.6273	.074	7.786	.349	.673
LR TrA									
541.6564	.228	7.757	-	.864	577.5833	.023	7.721	-	.813
568.5231	.292	7.813	-	.843	578.3976	.359	7.836	-	.851
570.4374	.081	7.718	-	.811	578.4682	.388	7.843	-	.867
572.3950	.887	7.761	-	.837	578.5652	.428	7.844	-	.870
572.5188	.938	7.728	-	.818	578.6178	.449	7.847	-	.876
573.3809	.293	7.785	-	.842	579.5086	.816	7.790	-	.850
573.4687	.329	7.794	-	.848	579.5198	.821	7.788	-	.846
573.5621	.367	7.810	-	.847	580.4472	.203	7.767	-	.840
574.4984	.753	7.829	-	.858	580.5611	.250	7.778	-	.853
574.5742	.784	7.808	-	.844	580.6100	.270	7.785	-	.856
575.3648	.110	7.741	-	.818	582.4622	.033	7.718	-	.814
575.4628	.150	7.740	-	.824	582.5445	.067	7.721	-	.823
575.5505	.186	7.748	-	.825	583.4633	.445	7.859	-	.875
575.6144	.213	7.767	-	.832	583.5857	.495	7.851	-	.868

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>
576.4554	.559	7.867	-	.877	584.4231	.840	7.789	-	.826
576.5117	.582	7.870	-	.880	584.4919	.869	7.774	-	.832
576.5772	.609	7.875	-	.874	584.5774	.904	7.755	-	.830
577.5238	.999	7.732	-	.822					
T Vel									
541.4255	.254	7.954	.533	1.060	578.2117	.182	7.857	-	1.020
542.4137	.466	8.122	-	1.133	578.2861	.198	7.870	-	1.037
568.2762	.041	7.705	-	.926	580.2084	.612	8.248	-	1.164
570.2489	.466	8.120	-	1.130	580.2616	.624	8.274	-	1.165
571.2363	.679	8.286	-	1.172	582.2184	.046	7.715	-	.930
572.2296	.893	8.081	-	1.073	582.2745	.058	7.714	-	.939
573.2514	.113	7.758	-	.960	583.2366	.265	7.954	-	1.069
575.2289	.539	8.201	-	1.163	583.2697	.272	7.965	-	1.075
575.2518	.544	8.196	-	1.160	584.2071	.474	8.155	-	1.133
576.2261	.754	8.320	-	1.160	584.2233	.478	8.157	-	1.139
576.2574	.761	8.320	-	1.169	584.2601	.486	8.160	-	1.141
V Vel									
542.4359	.470	7.688	-	.966	580.2306	.116	7.311	-	.791
568.3040	.388	7.627	-	.942	580.2709	.126	7.337	-	.795
570.2790	.840	7.878	-	.931	580.3527	.144	7.326	-	.809
571.2620	.065	7.236	-	.747	582.2284	.573	7.782	-	.998
572.2534	.291	7.523	-	.922	582.2909	.588	7.783	-	.998
573.2647	.523	7.723	-	.980	583.2460	.806	7.893	-	.997
575.2621	.980	7.331	-	.774	583.2790	.814	7.906	-	.994
576.2688	.210	7.422	-	.861	584.2300	.031	7.216	-	.732
578.2525	.664	7.856	-	1.004	584.3020	.048	7.216	-	.734
578.2946	.673	7.835	-	1.000					
RY Vel									
541.4840	.860	7.933	-	1.327	577.3648	.135	8.250	-	1.552
542.4939	.896	7.886	-	1.316	578.2665	.167	8.293	-	1.581
568.3354	.814	8.247	-	1.439	578.3068	.169	8.261	-	1.576
570.2977	.884	7.876	-	1.304	580.2798	.239	8.385	-	1.630
571.2765	.919	7.918	-	1.351	580.3639	.242	8.385	-	1.632
572.2698	.954	7.946	-	1.381	582.3029	.311	8.476	-	1.669
573.2788	.990	7.992	-	1.400	582.3742	.313	8.476	-	1.669
575.2742	.061	8.109	-	1.482	583.2903	.346	8.548	-	1.685
575.3861	.065	8.104	-	1.481	583.3302	.347	8.544	-	1.683
576.2806	.097	8.148	-	1.512	584.2828	.381	8.597	-	1.697
576.3687	.100	8.151	-	1.516	584.3536	.384	8.596	-	1.696
RZ Vel									
543.2409	.560	7.475	-	1.438	578.1980	.274	6.886	-	1.253
568.2194	.785	7.576	-	1.389	580.1983	.372	7.100	-	1.329
570.2199	.883	7.556	-	1.344	581.2140	.422	7.201	-	1.363
571.2099	.931	7.366	-	1.266	582.1964	.470	7.295	-	1.387
572.2066	.980	6.524	-	.950	582.2847	.474	7.293	-	1.400
573.2168	.030	6.467	-	.950	583.2214	.520	7.383	-	1.418
573.2176	.030	6.459	-	.942	583.2553	.522	7.387	-	1.424
575.2039	.127	-	-	1.073	584.1966	.568	7.481	-	1.433

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>
576.2015	.176	6.743	-	1.139	584.2569	.571	7.479	-	1.432
576.2424	.178	6.741	-	1.137	584.2709	.572	7.483	-	1.435
ST Vel									
542.4259	.471	9.856	.771	-	578.2377	.584	9.995	.783	-
568.2954	.887	9.518	.657	-	578.2894	.593	9.983	.776	-
570.2707	.224	9.650	.721	-	580.2240	.923	9.401	.633	-
571.2424	.390	9.784	.756	-	580.2658	.930	9.410	.637	-
572.2344	.559	9.965	.785	-	582.2229	.264	9.700	.729	-
573.2569	.734	9.997	.776	-	582.2788	.274	9.704	.748	-
575.2552	.075	9.482	.669	-	583.2409	.438	9.842	.762	-
576.2609	.246	9.677	.736	-	583.2734	.443	9.848	.764	-
584.2106	.603	10.016	.778	-	584.2643	.612	10.033	.792	-
SW Vel									
542.4213	.249	8.121	-	1.384	580.2113	.861	7.507	-	.970
568.2802	.352	8.324	-	1.443	580.2640	.864	7.527	-	.965
570.2650	.437	8.435	-	1.454	581.2829	.907	7.582	-	1.021
571.2403	.479	8.531	-	1.481	582.2212	.947	7.648	-	1.085
572.2361	.521	8.577	-	1.484	582.2771	.950	7.642	-	1.091
573.2548	.565	8.588	-	1.470	583.2394	.991	7.712	-	1.142
575.2534	.650	8.715	-	1.483	583.2720	.992	7.718	-	1.150
576.2594	.693	8.732	-	1.471	584.2093	.032	7.789	-	1.181
578.2141	.776	8.598	-	1.376	584.2626	.034	7.783	-	1.193
578.2878	.779	8.542	-	1.354					
SX Vel									
542.4239	.797	8.212	.486	-	580.2231	.755	8.379	.524	-
568.2882	.505	8.636	.597	-	580.2650	.759	8.379	.519	-
571.2412	.814	8.188	.500	-	581.2856	.866	8.058	.451	-
572.2330	.918	8.044	.462	-	582.2220	.964	8.063	.472	-
573.2555	.025	7.977	.468	-	582.2778	.970	8.050	.475	-
575.2542	.235	8.290	.541	-	583.2400	.071	7.927	.449	-
576.2601	.340	8.404	.570	-	583.2726	.074	7.930	.453	-
578.2368	.547	8.672	.599	-	584.2098	.172	8.145	.496	-
578.2885	.552	8.662	.596	-	584.2633	.178	8.179	.510	-
AE Vel									
542.4759	.619	10.539	-	1.660	578.2994	.641	10.570	.838	-
568.3155	.242	10.103	.741	-	580.2457	.914	10.348	.771	-
570.2861	.518	10.448	.822	-	580.2735	.918	10.353	.752	-
571.2676	.655	10.597	.861	-	580.3577	.930	10.291	.772	-
573.2700	.936	10.234	.748	-	582.2353	.193	10.034	.738	-
575.2672	.216	10.070	.739	-	582.2955	.201	10.022	.720	-
576.2737	.357	10.178	.769	-	583.2835	.340	10.181	.774	-
576.3620	.370	10.175	.766	-	583.3232	.345	10.165	.763	-
568.2106	.491	5.845	-	.717	580.1912	.325	5.745	-	.683
577.3190	.504	10.449	.819	-	584.2363	.473	10.376	.826	-
578.2572	.635	10.593	.859	-	584.3075	.483	10.381	.817	-
AH Vel									
570.2153	.966	5.559	-	.591	581.2079	.566	5.867	-	.725

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>
571.2026	.199	5.621	-	.636	582.1863	.797	5.785	-	.688
572.1970	.434	5.820	-	.726	582.2554	.814	5.747	-	.672
573.1976	.671	5.837	-	.705	583.2144	.041	5.512	-	.590
575.1967	.144	5.570	-	.623	583.2512	.049	5.511	-	.586
576.1940	.380	5.773	-	.706	584.1867	.271	5.687	-	.659
576.2394	.391	5.766	-	.697	584.1875	.271	5.686	-	.655
578.1901	.852	5.673	-	.656	584.2557	.287	5.698	-	.672
579.1890	.088	5.522	-	.591					
AP Vel									
541.4350	.627	10.224	.663	1.330	576.2268	.751	10.279	.685	1.338
542.4188	.942	9.989	.632	1.243	576.2584	.761	10.245	.663	1.323
568.2780	.209	9.963	.636	1.267	578.2124	.386	10.165	.667	1.340
570.2499	.840	9.950	.606	1.213	578.2351	.393	10.176	.674	1.334
571.2375	.156	9.986	.641	1.266	578.2867	.409	10.156	.666	1.326
572.2305	.473	10.101	.675	1.330	580.2096	.024	9.765	.573	1.151
573.2524	.800	10.291	.694	1.355	580.2622	.041	9.756	.567	1.138
575.2297	.432	10.264	.700	1.375	582.2192	.667	10.390	.698	1.394
575.2524	.439	10.277	.698	1.391	582.2754	.685	10.410	.725	1.411
583.2377	.992	9.586	.533	1.093	584.2240	.308	10.192	.685	1.348
583.2703	.003	9.612	.549	1.096	584.2610	.320	10.210	.679	1.368
584.2077	.302	10.190	.684	1.353					
AX Vel									
542.3963	.112	7.959	-	.729	578.2042	.861	8.092	.380	.783
543.2702	.350	8.319	.464	.892	578.2217	.865	8.119	.386	.776
568.2654	.155	7.989	.373	.754	578.2477	.872	8.113	.377	.769
570.2417	.693	8.356	.445	.861	580.2054	.405	8.424	.460	.912
571.2288	.962	8.051	.386	.770	580.2570	.419	8.445	.465	.906
572.2244	.233	8.337	.459	.895	582.2134	.952	8.248	.427	.843
573.2361	.508	8.215	.426	.828	582.2693	.967	8.253	.425	.849
575.2245	.049	8.189	.415	.820	583.2319	.229	8.178	.412	.810
575.2473	.056	8.176	.406	.805	583.2652	.238	8.176	.406	.809
576.2212	.321	8.091	.403	.798	584.2036	.494	8.197	.411	.827
576.2528	.329	8.084	.387	.791	584.2194	.498	8.203	.418	.825
BG Vel									
542.4307	.538	7.777	.702	-	580.2276	.997	7.453	.606	-
568.3002	.274	7.597	.663	-	580.2681	.003	7.467	.614	-
570.2743	.560	7.802	.696	-	580.3511	.015	7.420	.602	-
571.2580	.702	7.906	.735	-	582.2254	.286	7.589	.662	-
572.2503	.845	7.684	.668	-	582.2812	.294	7.596	.684	-
573.2616	.991	7.441	.623	-	583.2433	.433	7.694	.686	-
575.2593	.280	7.579	.661	-	583.2764	.437	7.701	.688	-
576.2628	.424	7.680	.677	-	584.2274	.575	7.839	.707	-
578.2403	.710	7.894	.703	-	584.2670	.581	7.826	.704	-
578.2920	.718	7.878	.719	-					
CS Vel									
542.4795	.438	11.795	.892	-	578.3005	.505	11.860	.865	-
568.3177	.814	12.035	.867	-	580.2467	.834	11.952	.859	-

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>
570.2876	.147	11.458	.780	-	580.2914	.842	11.952	.860	-
571.2689	.314	11.685	.846	-	580.3588	.853	11.917	.861	-
572.2622	.482	11.814	.871	-	582.2365	.171	11.508	.792	-
573.2719	.653	12.005	.890	-	582.2965	.181	11.516	.810	-
575.2682	.991	11.363	.734	-	583.2845	.349	11.720	.848	-
576.2748	.161	11.485	.787	-	583.3241	.355	11.733	.854	-
576.3631	.176	11.494	.783	-	584.2372	.510	11.882	.879	-
577.3575	.345	11.736	.839	-	584.3088	.522	11.898	.872	-
CX Vel									
542.4279	.100	11.066	.789	-	578.2905	.833	11.736	.935	-
568.2979	.235	11.159	.842	-	580.2260	.142	11.071	.797	-
570.2725	.551	11.435	.910	-	580.2669	.149	11.094	.814	-
571.2450	.707	11.637	.941	-	582.2241	.462	11.405	.912	-
572.2485	.867	11.735	.951	-	582.2800	.471	11.397	.911	-
573.2591	.029	11.306	.850	-	583.2422	.625	11.564	.927	-
575.2576	.348	11.290	.876	-	583.2751	.630	11.582	.941	-
576.2622	.509	11.428	.920	-	584.2262	.782	11.736	.961	-
578.2389	.825	11.751	.944	-	584.2656	.788	11.724	.956	-
DK Vel									
542.4340	.464	10.535	.484	-	575.2605	.692	10.701	.522	-
568.3020	.888	10.841	.542	-	578.2511	.897	10.861	.545	-
570.2772	.684	10.688	.505	-	578.2932	.914	10.862	.559	-
571.2598	.080	10.855	.549	-	580.2287	.694	10.710	.515	-
572.2515	.480	10.542	.488	-	580.2692	.711	10.734	.518	-
573.2628	.887	10.814	.541	-	582.2267	.499	10.567	.482	-
582.2893	.525	10.566	.486	-	584.2286	.306	10.611	.491	-
583.2445	.909	10.859	.555	-	584.3006	.335	10.579	.487	-
583.2776	.923	10.854	.543	-					
DP Vel									
541.4537	.011	11.544	.809	-	578.2554	.722	12.187	.922	-
542.4467	.192	11.608	-	1.630	578.2979	.729	12.171	.932	-
568.3129	.909	11.920	.857	-	580.2894	.092	11.503	.776	-
570.2841	.268	11.712	.830	-	580.3559	.105	11.513	.787	-
571.2654	.447	11.934	.909	-	582.2336	.447	11.930	.896	-
572.2577	.628	12.083	.924	-	582.2941	.458	11.929	.903	-
573.2681	.812	12.171	.931	-	583.2820	.638	12.108	.913	-
575.2652	.176	11.617	.816	-	584.2342	.812	12.182	.894	-
576.2716	.360	11.840	.864	-	584.3057	.825	12.163	.899	-
577.3170	.551	12.046	.899	-					
EZ Vel									
542.4391	.587	12.633	-	2.195	578.2960	.626	12.698	-	2.228
568.3076	.336	12.291	-	2.072	580.2405	.682	12.764	-	2.226
570.2803	.393	12.334	-	2.104	580.2866	.683	12.782	-	2.227
571.2634	.422	12.378	-	2.115	580.2880	.683	12.780	-	2.220
572.2549	.451	12.431	-	2.162	580.3542	.685	12.776	-	2.229
573.2661	.480	12.455	-	2.151	582.2296	.739	12.834	-	2.208
575.2633	.538	12.564	-	2.173	582.2922	.741	12.842	-	2.230
576.2701	.567	12.600	-	2.187	583.2802	.770	12.874	-	2.225

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>
577.3145	.597	12.671	-	2.200	584.2321	.797	12.907	-	2.232
578.2536	.624	12.702	-	2.204	584.3033	.799	12.911	-	2.230
FN Vel									
542.4851	.703	10.580	.791	-	578.3019	.430	10.434	.767	-
568.3199	.556	10.539	.797	-	580.2487	.796	10.453	.752	-
570.2901	.926	10.032	.663	-	580.2754	.801	10.425	.743	-
571.2710	.110	10.133	.710	-	580.3603	.817	10.361	.738	-
572.2640	.296	10.320	.764	-	582.2382	.170	10.221	.739	-
573.2743	.486	10.465	.771	-	582.2981	.181	10.206	.729	-
575.2699	.861	10.212	.696	-	583.2861	.367	10.396	.765	-
576.2767	.050	10.069	.681	-	583.3256	.374	10.398	.766	-
576.3649	.067	10.090	.696	-	584.2390	.546	10.552	.794	-
577.3600	.253	10.302	.743	-	584.3104	.559	10.550	.789	-
578.2616	.423	10.468	.780	-					

Table 2.

<i>Cepheid</i>	<i>Initial epoch</i>	<i>Period</i>
KL Aql	43338.695	6.108025
V493 Aql	35653.117	2.987751
V340 Ara	34267.9	20.8090
VZ CMa	36229.518	3.126327
U Car	44534.18	38.8006
V Car	37454.023	6.69668
Y Car	43262.03	3.639732
SX Car	35074.336	4.8600
UW Car	34897.059	5.345773
UX Car	34906.805	3.682246
UY Car	34890.645	5.543726
UZ Car	34894.69	5.20466
VY Car	10009.58	18.907
WW Car	34925.15	4.67681
WZ Car	44143.17	23.0132
XX Car	36221.730	15.71624
XZ Car	36205.754	16.6499
YZ Car	34907.04	18.1631
CF Car	23789.3	5.4949
CN Car	34510.24	4.93261
CS Car	24294.31	6.66234
CT Car	35095.840	18.0565
ER Car	40277.88	7.71855
EY Car	35067.004	2.87598
FI Car	41122.8	13.4582
FK Car	25382.96	23.254
FZ Car	33702.849	3.577892
GH Car	32401.598	5.725513
GI Car	34548.080	4.430688
GT Car	26128.51	13.1620

Table 2. Continued

<i>Cepheid</i>	<i>Initial epoch</i>	<i>Period</i>
GX Car	40741.13	7.19673
GZ Car	43258.7	4.158991
HW Car	24404.94	9.2002
II Car	24884.80	64.24
IM Car	24537.21	5.33625
IO Car	24378.72	13.606
IT Car	37299.766	7.53320
V397 Car	47493.262	2.063481
I Car	40736.9	35.539
V Cen	40308.60	5.493839
TX Cen	34964.000	17.0936
UZ Cen	40746.0	3.334318
VW Cen	44023.17	15.03618
XX Cen	40366.24	10.954348
AY Cen	36733.520	5.30975
AZ Cen	34715.867	3.212284
BB Cen	33130.999	3.997622
BK Cen	43258.1	3.173860
KN Cen	44715.60	34.0457
LV Cen	26926.25	4.97513
QY Cen	28228.12	17.7524
V378 Cen	34025.452	6.459493
V381 Cen	36201.953	5.07878
V419 Cen	36365.750	5.507108
V420 Cen	25350.67	24.7678
V496 Cen	40773.38	4.42419
V641 Cen	41771.771	35.216
V659 Cen	40348.77	5.62180
V737 Cen	28656.350	7.06585
AV Cir	38206.05	3.0651
AX Cir	38199.54	5.273268
BP Cir	44297.03	2.3984
R Cru	34514.629	5.82575
S Cru	34973.520	4.68997
T Cru	34541.340	6.73331
X Cru	34939.562	6.21997
VV Cru	26010.60	6.12115
VW Cru	40799.40	5.26522
AG Cru	34908.770	3.83728
BG Cru	43265.138	3.342662
GH Lup	41125.4	9.2772
R Mus	26496.288	7.510211
S Mus	40299.42	9.66007
S Nor	44018.69	9.75411
TW Nor	41092.21	10.78618
GU Nor	44025.74	3.452877
QZ Nor	45387.788	3.786476
V340 Nor	45000.	11.287
Y Oph	28792.622	17.121128
X Pup	8.8	25.9610
RS Pup	35734.426	41.3876
VX Pup	44866.8	3.011824

Table 2. Continued

<i>Cepheid</i>	<i>Initial epoch</i>	<i>Period</i>
VZ Pup	41121.19	23.1710
AP Pup	40689.21	5.0843102
AQ Pup	44676.57	30.104
AT Pup	40741.22	6.6650
CE Pup	26222.20	49.53
EK Pup	41508.088	2.625939
MY Pup	41806.868	5.69445
V335 Pup	44649.918	4.86173
U Sgr	30117.925	6.745226
W Sgr	43374.77	7.59503
X Sgr	40741.70	7.01283
Y Sgr	40762.38	5.77335
WZ Sgr	35506.629	21.849708
YZ Sgr	35514.301	9.553606
AP Sgr	36045.500	5.057875
BB Sgr	36053.535	6.63699
V350 Sgr	35317.227	5.15424
V773 Sgr	44024.38	5.748445
RV Sco	34925.38	6.06133
RY Sco	28256.45	20.31322
V470 Sco	35308.32	16.2615
V482 Sco	40754.495	4.527807
V636 Sco	40364.392	6.79671
V950 Sco	47551.659	3.380090
X Sct	34905.58	4.19807
EV Sct	41406.711	3.090998
EW Sct	46316.5	5.823337
V367 Sct	37430.58	6.293090
AA Ser	44039.34	17.1412
BQ Ser	48511.8	4.270814
R TrA	40838.21	3.389287
S TrA	40734.45	6.32344
U TrA	43267.0	2.568423
LR TrA	46330.575	2.428217
T Vel	40713.28	4.63974
V Vel	40736.25	4.370991
RY Vel	44017.94	28.1357
RZ Vel	34845.57	20.398240
ST Vel	40896.70	5.8584249
SW Vel	40738.24	23.4410
SX Vel	21015.98	9.54993
AE Vel	40772.20	7.13357
AH Vel	33192.420	4.227181
AP Vel	43245.6	3.127733
AX Vel	43878.9	3.673145
BG Vel	34918.94	6.923655
CS Vel	44021.06	5.90474
CX Vel	41002.28	6.255425
DK Vel	41354.250	2.48164
DP Vel	35250.94	5.48438
EZ Vel	34532.64	34.5346
FN Vel	33240.35	5.32422