Table 10

Miscellaneous Variable Stars in the BW5 field

Star ID OGLE	α_{2000}	δ_{2000}	P	T_0 – 2 448 000	I	$(V-I)$	ΔI	Type	Remarks
BW5 V1	$18^{h}02^{m}30.^{s}86$	$-30^{\circ}06'40.''0$	$265.^{d}00000$	615.0000	$13.^{m}33$	$5.^{m}26$	$1.^{m}30$	MIRA	
BW5 V2	$18^{h}02^{m}19.^{s}16$	$-29^{\circ}59'15.''8$	$520.^{d}00000$	385.0000	$13.^{m}42$	–	$2.^{m}21$	MIRA	
BW5 V3	$18^{h}02^{m}32.^{s}29$	$-29^{\circ}55'44.''2$	$760.^{d}00000$	614.0000	$13.^{m}53$	$5.^{m}78$	$0.^{m}28$	MIRA?	
BW5 V4	$18^{h}02^{m}08.^{s}27$	$-30^{\circ}03'06.''0$	$227.^{d}50000$	678.0000	$13.^{m}60$	$5.^{m}54$	$1.^{m}00$	MIRA	
BW5 V5	$18^{h}02^{m}20.^{s}75$	$-30^{\circ}04'38.''8$	$84.^{d}81194$	605.2180	$13.^{m}74$	$3.^{m}46$	$0.^{m}13$	MISC	
BW5 V10	$18^{h}01^{m}54.^{s}55$	$-30^{\circ}03'21.''1$	$80.^{d}29020$	677.2868	$14.^{m}60$	$2.^{m}13$	$0.^{m}13$	MISC	
BW5 V11	$18^{h}02^{m}26.^{s}58$	$-30^{\circ}03'56.''9$	$68.^{d}03547$	629.8043	$14.^{m}67$	$2.^{m}35$	$0.^{m}12$	MISC	
BW5 V14	$18^{h}02^{m}10.^{s}57$	$-30^{\circ}02'13.''1$	$10.^{d}84705$	710.7855	$15.^{m}19$	$2.^{m}10$	$0.^{m}10$	MISC	
BW5 V15	$18^{h}02^{m}33.^{s}77$	$-29^{\circ}57'51.''2$	$49.^{d}04656$	642.0685	$15.^{m}22$	$1.^{m}97$	$0.^{m}14$	MISC	
BW5 V16	$18^{h}01^{m}51.^{s}03$	$-30^{\circ}03'20.''6$	$40.^{d}89635$	675.9349	$15.^{m}28$	$2.^{m}28$	$0.^{m}17$	MISC	
BW5 V18	$18^{h}02^{m}36.^{s}14$	$-29^{\circ}57'23.''3$	$6.^{d}34142$	717.7980	$15.^{m}31$	$1.^{m}97$	$0.^{m}20$	MISC	
BW5 V19	$18^{h}02^{m}22.^{s}80$	$-30^{\circ}01'01.''7$	$17.^{d}38755$	703.2742	$15.^{m}31$	$2.^{m}06$	$0.^{m}14$	MISC	
BW5 V20	$18^{h}01^{m}50.^{s}01$	$-30^{\circ}00'44.''7$	$55.^{d}02341$	666.6636	$15.^{m}31$	$2.^{m}47$	$0.^{m}11$	MISC	
BW5 V22	$18^{h}02^{m}37.^{s}45$	$-30^{\circ}00'05.''1$	$9.^{d}53511$	715.4574	$15.^{m}38$	$1.^{m}92$	$0.^{m}17$	MISC	
BW5 V23	$18^{h}02^{m}40.^{s}35$	$-30^{\circ}04'08.''6$	$5.^{d}93693$	721.3607	$15.^{m}41$	$1.^{m}90$	$0.^{m}15$	MISC	
BW5 V25	$18^{h}02^{m}31.^{s}92$	$-29^{\circ}55'17.''3$	$39.^{d}54131$	679.0033	$15.^{m}46$	$2.^{m}05$	$0.^{m}16$	MISC	
BW5 V26	$18^{h}02^{m}11.^{s}00$	$-29^{\circ}57'10.''9$	$83.^{d}87127$	668.7895	$15.^{m}47$	$2.^{m}10$	$0.^{m}16$	MISC	
BW5 V30	$18^{h}02^{m}09.^{s}42$	$-29^{\circ}57'08.''8$	$52.^{d}50898$	637.2490	$15.^{m}58$	$2.^{m}04$	$0.^{m}17$	MISC	
BW5 V31	$18^{h}02^{m}35.^{s}09$	$-29^{\circ}58'26.''8$	$6.^{d}46085$	720.9275	$15.^{m}59$	$2.^{m}01$	$0.^{m}18$	MISC	
BW5 V32	$18^{h}01^{m}55.^{s}87$	$-30^{\circ}02'56.''3$	$51.^{d}27785$	690.5588	$15.^{m}61$	$2.^{m}10$	$0.^{m}14$	MISC	
BW5 V33	$18^{h}02^{m}03.^{s}55$	$-30^{\circ}07'19.''9$	$5.^{d}08597$	718.9476	$15.^{m}63$	$2.^{m}28$	$0.^{m}10$	MISC	
BW5 V35	$18^{h}01^{m}52.^{s}74$	$-29^{\circ}57'27.''5$	$48.^{d}05378$	696.1551	$15.^{m}67$	$2.^{m}17$	$0.^{m}18$	MISC	
BW5 V41	$18^{h}02^{m}33.^{s}12$	$-30^{\circ}05'58.''1$	$33.^{d}10956$	674.0775	$15.^{m}86$	$1.^{m}98$	$0.^{m}24$	MISC	
BW5 V42	$18^{h}01^{m}54.^{s}00$	$-29^{\circ}59'39.''4$	$53.^{d}34601$	663.6244	$15.^{m}87$	$2.^{m}07$	$0.^{m}24$	MISC?	
BW5 V44	$18^{h}02^{m}24.^{s}32$	$-30^{\circ}07'02.''0$	$22.^{d}48507$	704.6371	$15.^{m}92$	$2.^{m}01$	$0.^{m}11$	MISC	
BW5 V45	$18^{h}02^{m}30.^{s}03$	$-29^{\circ}59'25.''1$	$5.^{d}27153$	717.6450	$15.^{m}93$	$1.^{m}84$	$0.^{m}14$	MISC	
BW5 V46	$18^{h}01^{m}59.^{s}56$	$-30^{\circ}06'58.''8$	$7.^{d}55661$	717.8326	$15.^{m}93$	$2.^{m}11$	$0.^{m}34$	MISC	
BW5 V47	$18^{h}02^{m}25.^{s}47$	$-30^{\circ}07'56.''2$	$26.^{d}06557$	687.5837	$15.^{m}94$	$2.^{m}11$	$0.^{m}17$	MISC	
BW5 V48	$18^{h}02^{m}23.^{s}64$	$-30^{\circ}01'43.''2$	$4.^{d}46362$	720.8746	$15.^{m}94$	$1.^{m}78$	$0.^{m}10$	MISC	Ell?
BW5 V49	$18^{h}01^{m}46.^{s}68$	$-29^{\circ}58'54.''7$	$32.^{d}03807$	702.0502	$15.^{m}96$	$1.^{m}94$	$0.^{m}25$	MISC	
BW5 V52	$18^{h}01^{m}55.^{s}09$	$-29^{\circ}58'39.''1$	$86.^{d}85193$	666.1543	$15.^{m}97$	$2.^{m}02$	$0.^{m}22$	MISC	
BW5 V53	$18^{h}01^{m}51.^{s}56$	$-30^{\circ}03'37.''8$	$45.^{d}43707$	676.6943	$15.^{m}99$	$2.^{m}14$	$0.^{m}23$	MISC	
BW5 V54	$18^{h}01^{m}59.^{s}77$	$-30^{\circ}06'36.''5$	$19.^{d}26265$	694.5148	$15.^{m}99$	$2.^{m}43$	$0.^{m}13$	MISC	
BW5 V56	$18^{h}02^{m}39.^{s}79$	$-30^{\circ}00'16.''2$	$20.^{d}46293$	719.5994	$16.^{m}05$	$2.^{m}09$	$0.^{m}25$	MISC	
BW5 V57	$18^{h}02^{m}04.^{s}02$	$-30^{\circ}07'30.''9$	$38.^{d}06893$	686.5351	$16.^{m}05$	$2.^{m}23$	$0.^{m}10$	MISC	
BW5 V58	$18^{h}02^{m}26.^{s}36$	$-29^{\circ}57'42.''6$	$3.^{d}43618$	719.1173	$16.^{m}07$	$1.^{m}65$	$0.^{m}15$	MISC	
BW5 V59	$18^{h}02^{m}41.^{s}54$	$-30^{\circ}02'27.''9$	$22.^{d}91398$	705.3610	$16.^{m}06$	$1.^{m}91$	$0.^{m}10$	MISC	
BW5 V61	$18^{h}02^{m}25.^{s}17$	$-30^{\circ}06'40.''0$	$17.^{d}72081$	702.2580	$16.^{m}08$	$2.^{m}17$	$0.^{m}15$	MISC	
BW5 V62	$18^{h}02^{m}45.^{s}42$	$-29^{\circ}58'25.''9$	$50.^{d}05010$	695.7464	$16.^{m}10$	$1.^{m}88$	$0.^{m}21$	MISC	
BW5 V63	$18^{h}02^{m}15.^{s}12$	$-30^{\circ}07'05.''1$	$28.^{d}22404$	700.2949	$16.^{m}11$	$1.^{m}83$	$0.^{m}66$	MISC	
BW5 V64	$18^{h}01^{m}56.^{s}66$	$-29^{\circ}59'29.''9$	$45.^{d}34768$	657.9041	$16.^{m}14$	$1.^{m}94$	$0.^{m}12$	MISC	
BW5 V65	$18^{h}01^{m}50.^{s}88$	$-30^{\circ}02'43.''2$	$11.^{d}33925$	704.1107	$16.^{m}18$	$1.^{m}73$	$0.^{m}15$	MISC	
BW5 V67	$18^{h}02^{m}16.^{s}21$	$-30^{\circ}06'32.''2$	$37.^{d}61872$	698.4668	$16.^{m}21$	$2.^{m}36$	$0.^{m}18$	MISC	
BW5 V68	$18^{h}02^{m}28.^{s}15$	$-30^{\circ}04'25.''5$	$33.^{d}15339$	700.5311	$16.^{m}27$	$1.^{m}98$	$0.^{m}48$	MISC	
BW5 V71	$18^{h}02^{m}34.^{s}62$	$-30^{\circ}04'50.''3$	$69.^{d}90875$	640.0845	$16.^{m}29$	$1.^{m}99$	$0.^{m}14$	MISC	
BW5 V72	$18^{h}02^{m}09.^{s}76$	$-30^{\circ}01'37.''3$	$46.^{d}62596$	680.2261	$16.^{m}29$	$1.^{m}94$	$0.^{m}29$	MISC	

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concluded

Star ID OGLE	α_{2000}	δ_{2000}	P	$T_0 -$ 2 448 000	I	$(V-I)$	ΔI	Type	Remarks
BW5 V74	$18^{h}02^{m}46.^{s}66$	$-30^{\circ}01'08.''7$	$18.^{d}62244$	714.2823	$16.^{m}35$	$1.^{m}84$	$0.^{m}15$	MISC	
BW5 V78	$18^{h}02^{m}42.^{s}78$	$-29^{\circ}59'41.''9$	$62.^{d}65500$	682.7515	$16.^{m}41$	$1.^{m}86$	$0.^{m}23$	MISC	
BW5 V79	$18^{h}01^{m}48.^{s}91$	$-30^{\circ}00'01.''0$	$52.^{d}99741$	684.3556	$16.^{m}45$	$2.^{m}17$	$0.^{m}15$	MISC	
BW5 V80	$18^{h}02^{m}24.^{s}46$	$-30^{\circ}04'34.''7$	$4.^{d}20611$	719.9851	$16.^{m}45$	$1.^{m}86$	$0.^{m}11$	MISC	Ell?
BW5 V83	$18^{h}02^{m}05.^{s}83$	$-30^{\circ}06'20.''0$	$28.^{d}64288$	697.3396	$16.^{m}53$	$2.^{m}14$	$0.^{m}17$	MISC	
BW5 V86	$18^{h}01^{m}47.^{s}50$	$-30^{\circ}06'21.''8$	$64.^{d}32339$	691.5408	$16.^{m}56$	$2.^{m}13$	$0.^{m}19$	MISC	
BW5 V87	$18^{h}02^{m}35.^{s}02$	$-29^{\circ}57'22.''3$	$56.^{d}11225$	671.6636	$16.^{m}60$	$1.^{m}67$	$0.^{m}16$	MISC	
BW5 V92	$18^{h}02^{m}48.^{s}65$	$-30^{\circ}05'06.''0$	$65.^{d}53993$	685.4821	$16.^{m}80$	$1.^{m}77$	$0.^{m}14$	MISC	
BW5 V115	$18^{h}01^{m}52.^{s}63$	$-30^{\circ}09'33.''5$	$26.^{d}31510$	697.3501	$17.^{m}11$	$2.^{m}36$	$0.^{m}20$	MISC	
BW5 V119	$18^{h}02^{m}06.^{s}10$	$-30^{\circ}00'21.''9$	$66.^{d}40814$	605.3766	$17.^{m}17$	$2.^{m}01$	$0.^{m}30$	MISC	
BW5 V127	$18^{h}02^{m}46.^{s}60$	$-30^{\circ}03'25.''3$	$57.^{d}09556$	684.1190	$17.^{m}34$	$1.^{m}86$	$0.^{m}21$	MISC	
BW5 V130	$18^{h}02^{m}02.^{s}40$	$-30^{\circ}05'28.''6$	$6.^{d}02419$	719.6919	$17.^{m}37$	$2.^{m}16$	$0.^{m}23$	MISC	
BW5 V133	$18^{h}02^{m}36.^{s}31$	$-30^{\circ}06'49.''9$	$2.^{d}43080$	722.8081	$17.^{m}41$	$2.^{m}12$	$0.^{m}35$	MISC?	
BW5 V134	$18^{h}02^{m}36.^{s}83$	$-29^{\circ}56'31.''8$	$9.^{d}83938$	710.8854	$17.^{m}43$	$2.^{m}03$	$0.^{m}38$	MISC	
BW5 V137	$18^{h}02^{m}03.^{s}06$	$-30^{\circ}08'53.''8$	$9.^{d}66567$	721.3393	$17.^{m}45$	$2.^{m}17$	$0.^{m}25$	MISC	
BW5 V142	$18^{h}02^{m}10.^{s}43$	$-30^{\circ}03'52.''2$	$2.^{d}72042$	722.1273	$17.^{m}50$	$1.^{m}67$	$0.^{m}36$	MISC	
BW5 V151	$18^{h}02^{m}10.^{s}49$	$-30^{\circ}00'02.''6$	$14.^{d}09706$	716.2998	$17.^{m}59$	$1.^{m}96$	$0.^{m}26$	MISC	
BW5 V153	$18^{h}02^{m}17.^{s}25$	$-29^{\circ}59'58.''4$	$12.^{d}59493$	711.9662	$17.^{m}60$	$1.^{m}96$	$0.^{m}36$	MISC	
BW5 V169	$18^{h}02^{m}28.^{s}91$	$-30^{\circ}05'36.''0$	$5.^{d}97793$	720.5079	$17.^{m}81$	$1.^{m}97$	$0.^{m}27$	MISC	

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Miscellaneous Variable Stars in the BW6 field

Star ID OGLE	α_{2000}	δ_{2000}	P	$T_0 -$ 2 448 000	I	$(V-I)$	ΔI	Type	Remarks
BW6 V1	$18^{h}02^{m}53.^{s}57$	$-30^{\circ}19'21.''7$	$217.^{d}00000$	623.0000	$13.^{m}59$	$4.^{m}51$	$1.^{m}03$	MIRA	
BW6 V3	$18^{h}03^{m}06.^{s}21$	$-30^{\circ}18'09.''1$	$31.^{d}71974$	696.3435	$13.^{m}91$	$5.^{m}03$	$0.^{m}40$	MISC	
BW6 V4	$18^{h}03^{m}21.^{s}21$	$-30^{\circ}12'04.''8$	$467.^{d}00000$	411.0000	$14.^{m}09$	–	$1.^{m}17$	MIRA	
BW6 V6	$18^{h}03^{m}10.^{s}03$	$-30^{\circ}15'58.''8$	$9.^{d}74668$	713.7396	$14.^{m}89$	$2.^{m}09$	$0.^{m}12$	MISC	
BW6 V8	$18^{h}03^{m}22.^{s}08$	$-30^{\circ}18'01.''8$	$22.^{d}73534$	684.2201	$15.^{m}01$	$1.^{m}89$	$0.^{m}15$	MISC	Ell
BW6 V9	$18^{h}03^{m}42.^{s}47$	$-30^{\circ}13'10.''7$	$31.^{d}96290$	694.8415	$15.^{m}06$	$1.^{m}75$	$0.^{m}24$	MISC	
BW6 V10	$18^{h}03^{m}00.^{s}38$	$-30^{\circ}10'52.''3$	$61.^{d}49166$	666.5696	$15.^{m}07$	$2.^{m}14$	$0.^{m}10$	MISC	
BW6 V11	$18^{h}03^{m}40.^{s}57$	$-30^{\circ}10'06.''9$	$8.^{d}44017$	711.0759	$15.^{m}14$	$1.^{m}42$	$0.^{m}16$	MISC	
BW6 V13	$18^{h}03^{m}36.^{s}65$	$-30^{\circ}22'06.''1$	$45.^{d}71110$	652.0688	$15.^{m}24$	$2.^{m}12$	$0.^{m}15$	MISC	
BW6 V16	$18^{h}03^{m}06.^{s}05$	$-30^{\circ}10'36.''5$	$8.^{d}63610$	714.3609	$15.^{m}28$	$2.^{m}01$	$0.^{m}14$	MISC	
BW6 V22	$18^{h}03^{m}09.^{s}72$	$-30^{\circ}18'10.''7$	$20.^{d}90165$	697.8225	$15.^{m}43$	$2.^{m}11$	$0.^{m}16$	MISC	
BW6 V23	$18^{h}03^{m}19.^{s}86$	$-30^{\circ}17'22.''0$	$35.^{d}30915$	689.0934	$15.^{m}45$	$1.^{m}96$	$0.^{m}19$	MISC	
BW6 V24	$18^{h}03^{m}41.^{s}27$	$-30^{\circ}20'14.''2$	$13.^{d}79071$	705.7534	$15.^{m}47$	$2.^{m}00$	$0.^{m}15$	MISC	
BW6 V25	$18^{h}02^{m}52.^{s}67$	$-30^{\circ}13'36.''1$	$34.^{d}92813$	673.4493	$15.^{m}47$	$2.^{m}05$	$0.^{m}17$	MISC	
BW6 V26	$18^{h}02^{m}56.^{s}91$	$-30^{\circ}21'03.''1$	$40.^{d}86276$	659.5249	$15.^{m}49$	$1.^{m}83$	$0.^{m}13$	MISC	
BW6 V28	$18^{h}03^{m}47.^{s}93$	$-30^{\circ}14'29.''6$	$23.^{d}01410$	691.2055	$15.^{m}59$	$1.^{m}86$	$0.^{m}12$	MISC	

Table 11

concluded

Star ID OGLE	α_{2000}	δ_{2000}	P	T_0 – 2 448 000	I	$(V-I)$	ΔI	Type	Remarks
BW6 V31	$18^{h}02^{m}59.^{s}96$	$-30^{\circ}09'55.''4$	$57.^{d}37017$	682.0166	$15.^{m}66$	$1.^{m}88$	$0.^{m}14$	MISC	
BW6 V37	$18^{h}03^{m}19.^{s}20$	$-30^{\circ}21'57.''7$	$60.^{d}51068$	656.6619	$15.^{m}74$	$2.^{m}11$	$0.^{m}21$	MISC	
BW6 V38	$18^{h}03^{m}22.^{s}06$	$-30^{\circ}10'15.''7$	$46.^{d}65810$	683.5412	$15.^{m}79$	$1.^{m}87$	$0.^{m}11$	MISC	
BW6 V39	$18^{h}03^{m}27.^{s}75$	$-30^{\circ}12'43.''8$	$64.^{d}23162$	673.9182	$15.^{m}79$	$2.^{m}05$	$0.^{m}17$	MISC	
BW6 V40	$18^{h}03^{m}11.^{s}98$	$-30^{\circ}22'34.''4$	$17.^{d}38282$	695.8343	$15.^{m}81$	–	$0.^{m}14$	MISC	
BW6 V42	$18^{h}03^{m}05.^{s}78$	$-30^{\circ}19'14.''8$	$24.^{d}82598$	698.8017	$15.^{m}84$	$1.^{m}98$	$0.^{m}27$	MISC	
BW6 V43	$18^{h}03^{m}08.^{s}52$	$-30^{\circ}10'03.''8$	$5.^{d}75943$	717.3946	$15.^{m}88$	$1.^{m}72$	$0.^{m}10$	MISC	Ell?
BW6 V47	$18^{h}03^{m}10.^{s}98$	$-30^{\circ}19'40.''5$	$26.^{d}31908$	704.1670	$15.^{m}95$	$2.^{m}01$	$0.^{m}16$	MISC	
BW6 V48	$18^{h}03^{m}14.^{s}78$	$-30^{\circ}19'05.''2$	$51.^{d}82852$	655.6308	$15.^{m}95$	$2.^{m}05$	$0.^{m}25$	MISC	
BW6 V50	$18^{h}03^{m}12.^{s}90$	$-30^{\circ}10'28.''5$	$32.^{d}32681$	687.3003	$16.^{m}02$	$2.^{m}26$	$0.^{m}16$	MISC	
BW6 V53	$18^{h}03^{m}30.^{s}40$	$-30^{\circ}21'08.''7$	$14.^{d}11170$	711.1027	$16.^{m}09$	$2.^{m}05$	$0.^{m}14$	MISC	
BW6 V55	$18^{h}02^{m}56.^{s}98$	$-30^{\circ}15'14.''4$	$27.^{d}86406$	710.1713	$16.^{m}12$	$1.^{m}82$	$0.^{m}15$	MISC	
BW6 V57	$18^{h}03^{m}36.^{s}20$	$-30^{\circ}16'56.''9$	$4.^{d}44300$	719.9926	$16.^{m}16$	$2.^{m}11$	$0.^{m}10$	MISC	
BW6 V58	$18^{h}02^{m}55.^{s}87$	$-30^{\circ}09'58.''7$	$54.^{d}18283$	689.8016	$16.^{m}16$	$2.^{m}58$	$0.^{m}49$	MISC	
BW6 V62	$18^{h}03^{m}18.^{s}62$	$-30^{\circ}19'09.''8$	$25.^{d}72845$	714.1598	$16.^{m}26$	$2.^{m}02$	$0.^{m}26$	MISC	
BW6 V63	$18^{h}03^{m}25.^{s}95$	$-30^{\circ}11'00.''6$	$6.^{d}40086$	721.1337	$16.^{m}32$	$1.^{m}71$	$0.^{m}13$	MISC	Ell?
BW6 V65	$18^{h}03^{m}24.^{s}50$	$-30^{\circ}15'54.''0$	$52.^{d}54579$	636.8550	$16.^{m}34$	$2.^{m}14$	$0.^{m}18$	MISC	
BW6 V66	$18^{h}03^{m}22.^{s}48$	$-30^{\circ}10'56.''7$	$15.^{d}60482$	705.3535	$16.^{m}35$	$1.^{m}92$	$0.^{m}22$	MISC	
BW6 V68	$18^{h}03^{m}07.^{s}80$	$-30^{\circ}10'32.''7$	$56.^{d}91641$	636.7808	$16.^{m}42$	$1.^{m}84$	$0.^{m}18$	MISC	
BW6 V70	$18^{h}03^{m}11.^{s}86$	$-30^{\circ}13'20.''9$	$63.^{d}17546$	657.9724	$16.^{m}46$	$1.^{m}92$	$0.^{m}21$	MISC	
BW6 V73	$18^{h}03^{m}05.^{s}52$	$-30^{\circ}13'27.''6$	$62.^{d}76061$	683.0865	$16.^{m}50$	$2.^{m}13$	$0.^{m}14$	MISC	
BW6 V74	$18^{h}03^{m}13.^{s}15$	$-30^{\circ}16'20.''2$	$5.^{d}33264$	718.4506	$16.^{m}54$	$1.^{m}52$	$0.^{m}16$	MISC	Ell?
BW6 V75	$18^{h}03^{m}31.^{s}00$	$-30^{\circ}09'19.''1$	$24.^{d}45740$	694.6391	$16.^{m}54$	$2.^{m}03$	$0.^{m}28$	MISC	
BW6 V80	$18^{h}03^{m}21.^{s}68$	$-30^{\circ}17'22.''1$	$66.^{d}44970$	662.9687	$16.^{m}74$	$1.^{m}90$	$0.^{m}14$	MISC	
BW6 V82	$18^{h}03^{m}22.^{s}06$	$-30^{\circ}10'23.''8$	$40.^{d}06350$	696.5841	$16.^{m}77$	$1.^{m}90$	$0.^{m}17$	MISC	
BW6 V84	$18^{h}03^{m}27.^{s}68$	$-30^{\circ}20'44.''6$	$45.^{d}25305$	699.9289	$16.^{m}78$	$2.^{m}53$	$0.^{m}25$	MISC	
BW6 V90	$18^{h}03^{m}12.^{s}34$	$-30^{\circ}09'48.''0$	$50.^{d}00727$	657.6956	$16.^{m}93$	$1.^{m}96$	$0.^{m}38$	MISC?	
BW6 V94	$18^{h}03^{m}42.^{s}67$	$-30^{\circ}18'40.''3$	$45.^{d}86837$	675.0907	$17.^{m}02$	$2.^{m}20$	$0.^{m}18$	MISC	
BW6 V95	$18^{h}03^{m}27.^{s}28$	$-30^{\circ}20'15.''6$	$81.^{d}90938$	624.2314	$17.^{m}03$	$1.^{m}98$	$0.^{m}19$	MISC	
BW6 V96	$18^{h}03^{m}39.^{s}43$	$-30^{\circ}14'05.''6$	$25.^{d}14130$	702.7748	$17.^{m}03$	$1.^{m}87$	$0.^{m}18$	MISC	
BW6 V105	$18^{h}03^{m}17.^{s}49$	$-30^{\circ}21'54.''9$	$31.^{d}27999$	712.0264	$17.^{m}14$	$2.^{m}25$	$0.^{m}23$	MISC	
BW6 V110	$18^{h}03^{m}36.^{s}64$	$-30^{\circ}12'04.''2$	$9.^{d}07198$	710.0548	$17.^{m}23$	$1.^{m}90$	$0.^{m}31$	MISC	
BW6 V113	$18^{h}03^{m}24.^{s}68$	$-30^{\circ}21'58.''1$	$40.^{d}90034$	694.8968	$17.^{m}25$	$2.^{m}44$	$0.^{m}35$	MISC	
BW6 V126	$18^{h}03^{m}03.^{s}17$	$-30^{\circ}15'52.''4$	$25.^{d}91748$	690.3639	$17.^{m}40$	$1.^{m}88$	$0.^{m}24$	MISC	
BW6 V137	$18^{h}03^{m}00.^{s}59$	$-30^{\circ}14'09.''6$	$37.^{d}22044$	697.7716	$17.^{m}63$	$2.^{m}09$	$0.^{m}28$	MISC	
BW6 V138	$18^{h}03^{m}08.^{s}90$	$-30^{\circ}17'50.''5$	$9.^{d}86750$	717.5449	$17.^{m}64$	$1.^{m}97$	$0.^{m}26$	MISC	
BW6 V146	$18^{h}02^{m}52.^{s}92$	$-30^{\circ}11'31.''7$	$6.^{d}89557$	720.9456	$17.^{m}72$	$2.^{m}16$	$0.^{m}25$	MISC	
BW6 V150	$18^{h}03^{m}00.^{s}65$	$-30^{\circ}14'43.''8$	$4.^{d}13222$	719.8534	$17.^{m}79$	$2.^{m}00$	$0.^{m}29$	MISC	

T a b l e 12

Miscellaneous Variable Stars in the BW7 field

Star ID OGLE	α_{2000}	δ_{2000}	P	$T_0 -$ 2 448 000	I	$(V-I)$	ΔI	Type	Remarks
BW7 V1	$18^h03^m48.^s64$	$-30^\circ06'28.''6$	$67.^d60137$	626.0563	$13.^m50$	$5.^m33$	$0.^m47$	MISC?	
BW7 V2	$18^h04^m41.^s85$	$-29^\circ59'57.''9$	$329.^d00000$	608.0000	$13.^m59$	–	$0.^m75$	MIRA	
BW7 V3	$18^h04^m48.^s31$	$-30^\circ05'01.''3$	$78.^d20470$	644.1721	$13.^m84$	$4.^m92$	$0.^m25$	MISC	
BW7 V5	$18^h04^m35.^s81$	$-30^\circ06'47.''1$	$81.^d95052$	583.8155	$13.^m91$	$6.^m39$	$0.^m22$	MISC?	
BW7 V6	$18^h04^m01.^s04$	$-29^\circ59'38.''4$	$13.^d08307$	714.8589	$14.^m16$	$1.^m71$	$0.^m15$	MISC	
BW7 V9	$18^h04^m50.^s90$	$-30^\circ05'27.''6$	$35.^d68800$	696.3799	$14.^m91$	$2.^m11$	$0.^m09$	MISC	
BW7 V10	$18^h04^m01.^s16$	$-29^\circ58'52.''9$	$16.^d12127$	696.0520	$14.^m92$	$1.^m58$	$0.^m25$	MISC	
BW7 V11	$18^h04^m05.^s76$	$-30^\circ00'15.''0$	$22.^d91952$	699.6184	$14.^m91$	$1.^m91$	$0.^m09$	MISC	
BW7 V12	$18^h03^m58.^s36$	$-30^\circ02'29.''6$	$22.^d76244$	698.9435	$14.^m94$	$1.^m77$	$0.^m17$	MISC	
BW7 V13	$18^h04^m09.^s90$	$-30^\circ01'51.''1$	$9.^d38792$	715.2469	$15.^m03$	$2.^m13$	$0.^m17$	MISC	
BW7 V14	$18^h04^m14.^s03$	$-30^\circ02'15.''2$	$42.^d74467$	652.4974	$15.^m05$	$2.^m26$	$0.^m15$	MISC	
BW7 V16	$18^h04^m00.^s45$	$-30^\circ02'17.''2$	$24.^d90946$	718.6877	$15.^m11$	$2.^m07$	$0.^m16$	MISC	
BW7 V19	$18^h03^m57.^s07$	$-30^\circ02'52.''0$	$18.^d17578$	699.9311	$15.^m13$	$2.^m00$	$0.^m26$	MISC	
BW7 V22	$18^h04^m44.^s02$	$-30^\circ03'54.''1$	$24.^d65321$	685.6906	$15.^m29$	$2.^m06$	$0.^m18$	MISC	
BW7 V26	$18^h03^m57.^s17$	$-30^\circ03'52.''8$	$19.^d51234$	709.9370	$15.^m49$	$1.^m75$	$0.^m14$	MISC	
BW7 V27	$18^h04^m29.^s12$	$-29^\circ57'16.''9$	$8.^d33108$	724.7540	$15.^m55$	$1.^m66$	$0.^m12$	MISC	Ell?
BW7 V28	$18^h04^m41.^s68$	$-30^\circ02'49.''5$	$5.^d46395$	716.4550	$15.^m60$	$1.^m70$	$0.^m14$	MISC	Ell?
BW7 V29	$18^h04^m06.^s41$	$-30^\circ08'10.''7$	$46.^d39122$	668.0336	$15.^m60$	$1.^m97$	$0.^m10$	MISC	
BW7 V32	$18^h03^m51.^s36$	$-30^\circ01'01.''0$	$22.^d10853$	704.3778	$15.^m67$	$1.^m92$	$0.^m11$	MISC	
BW7 V37	$18^h04^m12.^s36$	$-29^\circ58'21.''7$	$31.^d73217$	692.6498	$15.^m71$	$2.^m19$	$0.^m50$	MISC	
BW7 V41	$18^h03^m59.^s51$	$-30^\circ02'05.''4$	$10.^d99356$	710.5358	$15.^m85$	$1.^m86$	$0.^m13$	MISC	
BW7 V42	$18^h04^m14.^s10$	$-30^\circ01'31.''7$	$24.^d19501$	680.9444	$15.^m85$	$1.^m81$	$0.^m16$	MISC	
BW7 V43	$18^h04^m53.^s36$	$-30^\circ07'04.''6$	$48.^d57952$	677.6357	$15.^m88$	$2.^m99$	$0.^m20$	MISC	
BW7 V46	$18^h04^m33.^s53$	$-30^\circ06'45.''4$	$82.^d57250$	602.6141	$16.^m01$	$2.^m23$	$0.^m11$	MISC	
BW7 V49	$18^h04^m44.^s47$	$-29^\circ58'57.''9$	$43.^d66656$	664.9980	$16.^m04$	$1.^m97$	$0.^m13$	MISC	
BW7 V50	$18^h04^m08.^s17$	$-30^\circ04'45.''8$	$46.^d88185$	673.9266	$16.^m04$	$1.^m97$	$0.^m12$	MISC	
BW7 V56	$18^h04^m38.^s55$	$-30^\circ05'05.''9$	$55.^d41189$	714.3701	$16.^m17$	$2.^m05$	$0.^m25$	MISC	
BW7 V58	$18^h03^m58.^s34$	$-30^\circ05'33.''4$	$5.^d06138$	723.1092	$16.^m25$	$1.^m64$	$0.^m11$	MISC	Ell?
BW7 V59	$18^h04^m11.^s96$	$-30^\circ05'18.''5$	$24.^d74845$	714.5373	$16.^m26$	$2.^m17$	$0.^m15$	MISC	
BW7 V60	$18^h04^m28.^s00$	$-29^\circ58'17.''1$	$23.^d39821$	682.3854	$16.^m27$	$1.^m82$	$0.^m12$	MISC	
BW7 V61	$18^h04^m15.^s15$	$-30^\circ01'51.''1$	$22.^d63404$	705.0956	$16.^m29$	$1.^m94$	$0.^m13$	MISC	
BW7 V62	$18^h04^m30.^s47$	$-29^\circ59'02.''8$	$54.^d85621$	677.2548	$16.^m30$	$1.^m87$	$0.^m21$	MISC	
BW7 V65	$18^h04^m05.^s94$	$-30^\circ03'49.''0$	$66.^d21955$	681.6535	$16.^m36$	$1.^m97$	$0.^m17$	MISC	
BW7 V66	$18^h04^m23.^s15$	$-30^\circ07'23.''5$	$64.^d62867$	673.8831	$16.^m37$	$2.^m07$	$0.^m30$	MISC	
BW7 V67	$18^h04^m10.^s26$	$-30^\circ02'08.''0$	$13.^d32412$	709.4561	$16.^m40$	$1.^m92$	$0.^m20$	MISC	
BW7 V69	$18^h03^m53.^s27$	$-29^\circ58'31.''2$	$53.^d84867$	674.4007	$16.^m46$	$1.^m74$	$0.^m15$	MISC?	
BW7 V70	$18^h04^m24.^s02$	$-29^\circ57'29.''7$	$60.^d39169$	698.9130	$16.^m46$	$1.^m91$	$0.^m12$	MISC	
BW7 V75	$18^h04^m32.^s26$	$-30^\circ08'47.''0$	$20.^d31727$	699.7268	$16.^m53$	$1.^m99$	$0.^m12$	MISC	
BW7 V78	$18^h04^m26.^s70$	$-29^\circ58'26.''5$	$19.^d07965$	701.9594	$16.^m57$	$1.^m88$	$0.^m21$	MISC	
BW7 V81	$18^h04^m31.^s23$	$-30^\circ05'26.''1$	$54.^d83512$	693.5467	$16.^m61$	$2.^m21$	$0.^m13$	MISC	
BW7 V90	$18^h04^m45.^s05$	$-29^\circ57'40.''6$	$64.^d76485$	712.0248	$16.^m79$	$1.^m73$	$0.^m14$	MISC	
BW7 V92	$18^h03^m59.^s40$	$-30^\circ05'07.''2$	$63.^d08331$	654.0478	$16.^m81$	$2.^m04$	$0.^m16$	MISC	
BW7 V93	$18^h04^m34.^s97$	$-30^\circ09'11.''9$	$72.^d62366$	644.1719	$16.^m82$	$1.^m98$	$0.^m13$	MISC	
BW7 V94	$18^h04^m01.^s81$	$-30^\circ05'28.''1$	$75.^d40107$	605.7722	$16.^m82$	$1.^m96$	$0.^m18$	MISC	
BW7 V98	$18^h04^m28.^s39$	$-30^\circ02'23.''3$	$9.^d23756$	715.4306	$16.^m91$	$1.^m68$	$0.^m16$	MISC	
BW7 V99	$18^h04^m02.^s05$	$-30^\circ02'59.''7$	$57.^d53259$	720.3080	$16.^m91$	$1.^m51$	$0.^m38$	MISC	
BW7 V104	$18^h03^m56.^s95$	$-30^\circ04'25.''3$	$17.^d25661$	708.4701	$16.^m96$	$2.^m04$	$0.^m25$	MISC	
BW7 V108	$18^h04^m30.^s46$	$-30^\circ00'25.''7$	$72.^d67028$	644.7307	$17.^m01$	$2.^m43$	$0.^m22$	MISC	
BW7 V113	$18^h04^m27.^s93$	$-30^\circ05'48.''2$	$7.^d44911$	720.1949	$17.^m10$	$2.^m18$	$0.^m32$	MISC	
BW7 V125	$18^h03^m58.^s81$	$-30^\circ05'38.''6$	$13.^d66301$	722.2540	$17.^m27$	$2.^m29$	$0.^m25$	MISC	
BW7 V130	$18^h04^m28.^s46$	$-29^\circ57'45.''4$	$5.^d76375$	715.7655	$17.^m34$	$2.^m13$	$0.^m26$	MISC	
BW7 V136	$18^h04^m42.^s85$	$-29^\circ55'21.''2$	$14.^d28712$	711.0842	$17.^m38$	$2.^m04$	$0.^m21$	MISC	
BW7 V138	$18^h04^m35.^s22$	$-29^\circ57'41.''7$	$27.^d65712$	695.6319	$17.^m42$	$2.^m10$	$0.^m44$	MISC	
BW7 V146	$18^h04^m30.^s31$	$-30^\circ06'12.''5$	$18.^d40633$	717.5156	$17.^m50$	$1.^m99$	$0.^m28$	MISC	
BW7 V166	$18^h04^m09.^s80$	$-30^\circ05'19.''7$	$13.^d64761$	722.7365	$17.^m80$	$1.^m98$	$0.^m28$	MISC	

T a b l e 13

Miscellaneous Variable Stars in the BW8 field

Star ID OGLE	α_{2000}	δ_{2000}	P	T_0 – 2 448 000	I	$(V-I)$	ΔI	Type	Remarks
BW8 V1	$18^h03^m03.^s66$	$-29°45'30.''0$	$365.^d00000$	627.0000	$13.^m88$	–	$0.^m64$	MIRA	
BW8 V2	$18^h03^m36.^s40$	$-29°44'05.''2$	$33.^d61513$	695.4970	$13.^m91$	$2.^m70$	$0.^m14$	MISC	
BW8 V3	$18^h03^m21.^s13$	$-29°51'19.''1$	$14.^d58670$	700.5992	$14.^m02$	$1.^m90$	$0.^m10$	MISC	
BW8 V4	$18^h03^m25.^s01$	$-29°47'08.''3$	$13.^d67317$	713.1925	$14.^m21$	$1.^m53$	$0.^m13$	MISC	Ell
BW8 V6	$18^h03^m31.^s87$	$-29°50'21.''2$	$46.^d34044$	684.1239	$14.^m83$	$2.^m00$	$0.^m17$	MISC	
BW8 V9	$18^h03^m31.^s61$	$-29°48'21.''9$	$6.^d42296$	716.4234	$14.^m92$	$1.^m73$	$0.^m18$	MISC	Ell?
BW8 V10	$18^h03^m28.^s84$	$-29°47'45.''6$	$25.^d21914$	697.8136	$14.^m91$	$1.^m90$	$0.^m15$	MISC	
BW8 V11	$18^h03^m33.^s80$	$-29°49'31.''0$	$37.^d99750$	702.5010	$14.^m98$	$1.^m84$	$0.^m16$	MISC	
BW8 V12	$18^h03^m09.^s02$	$-29°44'31.''7$	$49.^d52135$	663.5366	$14.^m98$	$2.^m00$	$0.^m22$	MISC	
BW8 V14	$18^h03^m20.^s55$	$-29°42'07.''3$	$22.^d41615$	704.9431	$15.^m03$	$2.^m92$	$0.^m12$	MISC	
BW8 V17	$18^h03^m40.^s62$	$-29°50'44.''6$	$6.^d51395$	719.2639	$15.^m18$	$1.^m46$	$0.^m13$	MISC	Ell
BW8 V19	$18^h03^m07.^s45$	$-29°43'21.''4$	$48.^d61057$	650.1664	$15.^m19$	$2.^m35$	$0.^m15$	MISC	
BW8 V22	$18^h03^m32.^s91$	$-29°55'37.''8$	$12.^d38105$	710.2142	$15.^m29$	$1.^m69$	$0.^m09$	MISC	Ell
BW8 V23	$18^h03^m29.^s77$	$-29°45'08.''6$	$12.^d00757$	719.4095	$15.^m28$	$2.^m06$	$0.^m12$	MISC	
BW8 V25	$18^h03^m17.^s81$	$-29°52'36.''9$	$71.^d62444$	716.1012	$15.^m34$	–	$0.^m10$	MISC?	
BW8 V29	$18^h03^m38.^s61$	$-29°44'43.''4$	$26.^d64196$	700.7368	$15.^m43$	$2.^m04$	$0.^m30$	MISC	
BW8 V30	$18^h03^m00.^s18$	$-29°48'19.''6$	$22.^d76570$	700.5006	$15.^m44$	$1.^m94$	$0.^m11$	MISC	
BW8 V32	$18^h03^m13.^s97$	$-29°53'53.''6$	$36.^d97357$	670.4048	$15.^m53$	$1.^m61$	$0.^m11$	MISC?	
BW8 V33	$18^h02^m54.^s08$	$-29°51'16.''1$	$17.^d94747$	703.6306	$15.^m52$	$1.^m88$	$0.^m21$	MISC	
BW8 V37	$18^h03^m47.^s70$	$-29°46'13.''0$	$33.^d34402$	672.6156	$15.^m74$	$2.^m19$	$0.^m10$	MISC	
BW8 V38	$18^h03^m15.^s09$	$-29°56'24.''8$	$29.^d18254$	677.3000	$15.^m74$	$2.^m09$	$0.^m24$	MISC	
BW8 V39	$18^h03^m28.^s07$	$-29°54'37.''7$	$28.^d97818$	696.5775	$15.^m77$	$1.^m79$	$0.^m19$	MISC	
BW8 V40	$18^h03^m08.^s44$	$-29°48'28.''6$	$19.^d51440$	713.9343	$15.^m83$	$1.^m72$	$0.^m20$	MISC	
BW8 V41	$18^h03^m18.^s91$	$-29°49'24.''1$	$8.^d99845$	717.8514	$15.^m84$	$1.^m72$	$0.^m14$	MISC	Ell?
BW8 V42	$18^h03^m18.^s63$	$-29°42'01.''6$	$50.^d38605$	694.4709	$15.^m84$	$2.^m19$	$0.^m28$	MISC	
BW8 V43	$18^h02^m56.^s22$	$-29°48'51.''0$	$40.^d85901$	673.8468	$15.^m87$	$2.^m18$	$0.^m28$	MISC	
BW8 V44	$18^h02^m58.^s92$	$-29°54'38.''1$	$3.^d73640$	724.4917	$15.^m90$	$1.^m75$	$0.^m16$	MISC	Ell?
BW8 V47	$18^h03^m35.^s01$	$-29°42'27.''7$	$3.^d05402$	722.8438	$15.^m97$	$2.^m13$	$0.^m12$	MISC	Ell?
BW8 V48	$18^h03^m45.^s07$	$-29°55'39.''8$	$37.^d73185$	696.9450	$15.^m99$	$2.^m10$	$0.^m21$	MISC	
BW8 V51	$18^h02^m54.^s46$	$-29°50'43.''1$	$10.^d46607$	718.9562	$16.^m10$	$1.^m95$	$0.^m12$	MISC	
BW8 V52	$18^h03^m17.^s21$	$-29°44'24.''1$	$3.^d19486$	720.3515	$16.^m12$	$1.^m30$	$0.^m11$	MISC	Ell
BW8 V54	$18^h03^m24.^s46$	$-29°53'13.''5$	$28.^d42182$	710.1476	$16.^m14$	$1.^m69$	$0.^m38$	MISC	
BW8 V58	$18^h03^m01.^s60$	$-29°47'06.''0$	$73.^d24367$	590.5637	$16.^m20$	$1.^m95$	$0.^m20$	MISC	
BW8 V59	$18^h03^m37.^s98$	$-29°47'52.''0$	$16.^d85070$	723.3837	$16.^m23$	$1.^m77$	$0.^m13$	MISC	Ell?
BW8 V61	$18^h03^m19.^s55$	$-29°46'03.''0$	$9.^d86997$	710.8155	$16.^m31$	$1.^m96$	$0.^m28$	MISC	
BW8 V64	$18^h03^m12.^s62$	$-29°54'48.''8$	$5.^d72188$	720.1558	$16.^m34$	$1.^m74$	$0.^m11$	MISC	Ell?
BW8 V65	$18^h03^m39.^s18$	$-29°46'54.''0$	$73.^d53614$	658.0749	$16.^m37$	$2.^m64$	$0.^m30$	MISC	
BW8 V66	$18^h02^m56.^s00$	$-29°49'41.''2$	$46.^d42073$	679.6459	$16.^m38$	$1.^m93$	$0.^m20$	MISC	
BW8 V67	$18^h03^m11.^s00$	$-29°47'17.''1$	$26.^d80841$	718.4386	$16.^m39$	$1.^m75$	$0.^m18$	MISC	
BW8 V76	$18^h03^m24.^s94$	$-29°46'50.''4$	$39.^d90600$	660.0500	$16.^m64$	$2.^m35$	$0.^m29$	MISC	
BW8 V83	$18^h03^m33.^s14$	$-29°46'14.''2$	$2.^d61259$	721.2917	$16.^m86$	$1.^m65$	$0.^m18$	MISC	Ell?
BW8 V87	$18^h02^m56.^s92$	$-29°55'20.''9$	$48.^d48229$	696.7628	$16.^m89$	$1.^m88$	$0.^m21$	MISC	
BW8 V88	$18^h02^m59.^s86$	$-29°51'02.''5$	$49.^d96990$	679.4407	$16.^m91$	$1.^m78$	$0.^m14$	MISC	
BW8 V91	$18^h02^m52.^s70$	$-29°48'38.''2$	$74.^d37910$	627.3877	$16.^m96$	$2.^m05$	$0.^m26$	MISC	
BW8 V92	$18^h03^m36.^s62$	$-29°44'27.''4$	$79.^d63497$	706.8400	$16.^m98$	$2.^m16$	$0.^m16$	MISC	
BW8 V97	$18^h03^m01.^s00$	$-29°46'55.''8$	$57.^d27341$	656.1242	$17.^m05$	$1.^m89$	$0.^m23$	MISC	
BW8 V98	$18^h02^m55.^s26$	$-29°54'01.''2$	$12.^d11239$	709.8103	$17.^m06$	$1.^m77$	$0.^m30$	MISC	
BW8 V100	$18^h03^m09.^s30$	$-29°50'07.''7$	$26.^d78628$	710.3989	$17.^m07$	$1.^m81$	$0.^m23$	MISC	
BW8 V105	$18^h02^m57.^s31$	$-29°49'22.''9$	$41.^d30631$	698.9441	$17.^m12$	$1.^m90$	$0.^m31$	MISC	
BW8 V107	$18^h02^m57.^s43$	$-29°45'59.''2$	$55.^d83004$	632.3310	$17.^m15$	$2.^m00$	$0.^m22$	MISC	
BW8 V115	$18^h02^m57.^s47$	$-29°44'24.''5$	$15.^d94298$	716.5572	$17.^m25$	$1.^m97$	$0.^m24$	MISC	
BW8 V120	$18^h03^m08.^s09$	$-29°55'09.''3$	$21.^d94519$	722.1943	$17.^m31$	$2.^m10$	$0.^m29$	MISC	
BW8 V124	$18^h03^m30.^s17$	$-29°46'51.''0$	$7.^d29094$	715.7370	$17.^m39$	$2.^m00$	$0.^m21$	MISC	
BW8 V144	$18^h03^m30.^s27$	$-29°49'58.''3$	$10.^d53290$	706.3257	$17.^m69$	$2.^m01$	$0.^m28$	MISC	

4. Completeness of the Catalog

Our search for variables in BW5–BW8 fields lets us draw some conclusions about the completeness of the Catalog. As these fields overlap by approximately $1'$ with neighboring fields and the search in every field is conducted in the fully independent way, a simple comparison of detected and missed variables may give at least approximate information about completeness.

There are 12 overlapping regions in all 9 primary Baade's Window fields, and thus we have created 24 lists of variable stars which were detected in field "A" and should be detected in field "B" which overlaps with "A". Due to limited effectiveness of the method of search only part of these stars was indeed identified in field "B". The missing objects were further divided into two categories, those which were not searched for variability in field "B" and those which were not detected as variables in field "B". The former category includes stars which are not registered in the database of field "B" (typically lying on bad pixels), those which had too few good observations or were not selected as "variable candidate" due to small standard deviation of magnitude (see Paper I). It describes completeness of selection of candidates for variable stars. The latter category describes the general effectiveness of the method of the search for periodic variable objects. We have also included here 3 objects which were obviously detected but were lost later during processing of the Catalog due to human errors.

Out of 507 variable stars which should be found in a neighboring field, 462 (91%) were selected as "variable star candidate" in neighboring field and thus searched for periodic variability. Out of these 462 stars searched for variability 406 were identified in both fields which gives mean effectiveness of the method equal to 88%. Fig. 1 shows identified stars (filled circles) and missed stars (open circles) in the "amplitude – magnitude" diagram. One can see that most of missed stars are small amplitude (< 0.2 mag) and/or faint ($I > 17$ mag) objects. Those with larger amplitudes are Algol-type variables, which are easy-to-miss objects. The missed objects are usually very noisy ones having very few good observations.

Comparison of amplitudes and periods of objects detected in both fields shows that accuracy of the search is quite good. For 85% of pairs the differences of maximum magnitude, amplitude and period are smaller than 0.08 mag, 0.07 mag and 0.17%, respectively (maximum 0.34 mag, 0.20 mag and 12.1%, respectively).

The results of the search for variables in overlapping regions of the Baade's Window fields suggest that about 80% of periodic variable stars of those included in databases are detected. This figure should be considered as an average, it is certainly higher for larger amplitude objects (see Fig. 1). For instance, it is close to 100% for RR Lyr type stars: only one counterpart (for small amplitude star OGLE BW4 V27) per 45 stars searched was missed in overlapping regions.

One should also remember that the OGLE databases contain about 80–85% of all stellar objects in observed regions as indicated by extensive tests using artificial stars (Udalski *et al.* 1993). That figure is also consistent with the final comparison

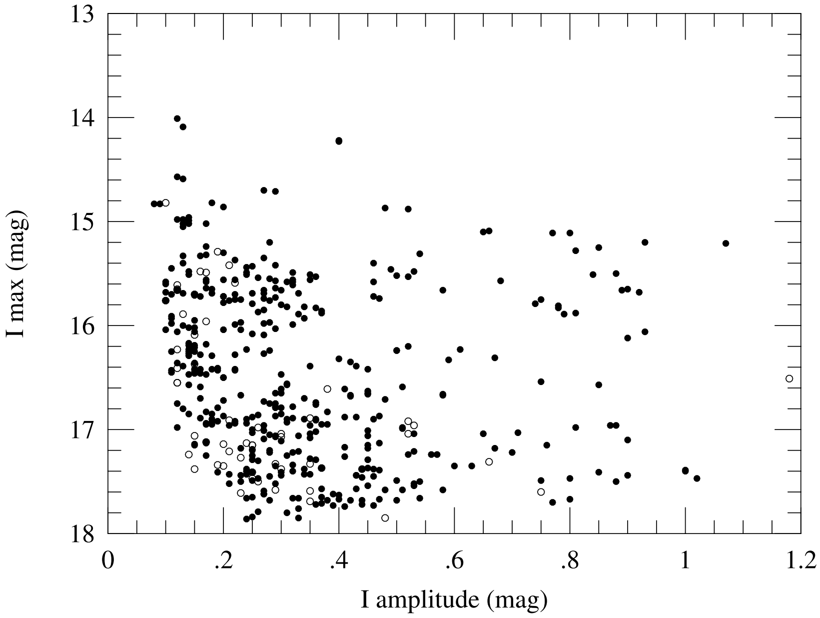

Fig. 1. The amplitude-magnitude diagram for variable objects from overlapping regions. Filled and open dots denote identified and missed in neighboring field stars, respectively.

of the Blanco (1984) list of RR Lyr stars (for which type effectiveness of our search is close to 100%) with detected stars: 66 out of 77 stars located in observed fields (86%) have been identified (Paper I, II, Tables 2–5). Thus, we can conclude that on average about 65% of all periodic variable stars in the observed region of the sky are included in the Catalog.

More precise tests of completeness of the Catalog including adding of artificial variables with different magnitudes, amplitudes and periods to the databases and/or frames are planned but they will require much more time to complete analysis.

5. Summary

We present the third part of the OGLE Catalog of Periodic Variable Stars in the Galactic Bulge – periodic variable stars from BW5, BW6, BW7 and BW8 Baade's Window fields. 644 periodic stars were detected: 64 pulsating, 352 eclipsing and 228 miscellaneous type stars increasing the total number of periodic variable objects in the Catalog to 1656.

We present simple tests of completeness of the Catalog based on variable objects detected in overlapping parts of fields. They yield an average completeness equal to about 80% of periodic variable objects from databases and 65% of all variable stars in the observed part of the sky. It is better for brighter and larger amplitude objects.

The Catalog is supposed to be an open publication and regular updates are expected when more data become available and search for variables in fainter objects will be completed. Some errors, unavoidable in this first release of the Catalog, will also be corrected. Therefore we expect a feedback from the astronomical community when any errors, misclassification *etc.* are found.

The Catalog and all individual observations of cataloged variable stars (JD hel., I magnitude, error) are available to the astronomical community from the OGLE Internet archive using anonymous ftp service from sirius.astrouw.edu.pl host (148.81.8.1), directory */ogle/var_catalog*. See README file in this directory.

6. Errors Found in Part I and II of the Catalog

We have already found the following errors in the previous parts of the Catalog:

- The variable object OGLE BWC V89 is an artifact of BWC V65 and should be removed from the list. The magnitude of OGLE BWC V65 might be not reliable.
- Due to some numeric error, equatorial coordinates in part I and II are slightly inaccurate. The typical errors are about 1–2″, with the worst case in BW2 field (up to 8″). Corrected coordinates are available from the OGLE Internet archive.
- Period of the Algol-type eclipsing variable OGLE BW3 V163 should be twice of that listed in the Catalog. The star was "rediscovered" in overlapping part of fields.
- OGLE BWC V187 should be classified as Algol-type EA with amplitude 0.8 mag.

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