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POSITIONS FOR STARS IN THE FIELDS OF UX ANTLIAE AND UW CENTAURI

Recently in these Bulletins, Milone (1994) provided UBV photometry for stars in the fields of the R CrB-type stars UX Antliae and UW Centauri. Although finder charts were provided for these stars, identifications and positions were not. Since modern or modernized telescopes usually have good pointing ability, it is useful–even necessary–to have accurate positions to operate the telescope efficiently. Furthermore, there is no need to give new names to stars that already appear in widely available catalogues. I have extracted positions from the Guide Star Catalogue (GSC) for all the stars observed by Milone, and also made identifications in traditional star catalogues for the brighter ones.

Table 1. Positions for the variables

	RA (2000)	Dec	
UX Ant:	$10^h57^m09^s.0$	−37°23'56"	(GSC)
UW Cen:	$12^h43^m17^s.1$	−54°31'40"	(GSC)
	17.1	40	(Villada 1980)
	17.0	40	(Torres et al. 1985)
	15.7	32	(IRAS)

In Tables 2 and 3 are the positions for the comparison stars measured by Milone. The letter names are those given on Milone's charts. The companion 15 arcsec NW of UX Ant mentioned by Milone does not appear in the GSC. Also, none of the close pairs mentioned is resolved in the GSC.

Table 2. Positions and identifications for stars near UX Antliae

Names	RA (2000)	Dec	Other IDs
A = CoD−36°6800	$10^h56^m15^s.3$	−37°18'36"	CPD−36°4696
B = GSC 7724-2159	10 57 08.6	−37 30 55	CoD−36°6813=CPD−36°4704
C = GSC 7211-1506	10 56 28.2	−37 10 25	
E = GSC 7212-0122	10 57 10.7	−37 13 44	CoD−36°6814
F = GSC 7212-0258	10 57 03.9	−37 24 24	CoD−36°6812 = CPD−36°4703
G = GSC 7212-0355	10 57 50.9	−37 27 52	CoD−36°6822
H = GSC 7212-0025	10 57 32.6	−37 22 57	

Table 3. Positions and identifications for stars near UW Centauri

Names	RA (2000)	Dec	Other IDs
A = HD110445	$12^h42^m39^s.2$	−54°32'18"	CPD−53°5285
B = HD110517	12 43 14.7	−54 24 35	CPD−53°5291
C = HD110551	12 43 26.7	−54 38 50	CPD−53°5294
D = GSC 8651-0342	12 43 59.0	−54 26 20	
F = GSC 8651-0814	12 43 47.6	−54 26 16	
G = GSC 8651-0586	12 43 45.2	−54 34 39	
H = GSC 8651-0546	12 43 30.1	−54 32 13	
I = GSC 8651-0894	12 43 26.1	−54 32 43	
J = GSC 8651-0400	12 43 32.7	−54 31 28	
K = GSC 8651-600	12 43 11.2	−54 28 03	
- GSC 8651-0720	12 43 16.0	−54 31 20	= comp 20" NNW of UW Cen

Both variables appear in the GSC. UX Ant = GSC 7212-0077. UW Cen has several identifications: CPD−53°5293 = CoD−53°4775 = IRAS 12404-5415 = GSC 8651-0852. In the case of UW Cen, the GSC position merely confirms high-precision measures published previously. The IRAS identification for this star appears secure: although the IRAS position is offset somewhat, the precise positions fall well within the error ellipse. Positions for the variables are given from various sources in Table 1 for equinox 2000.

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