Supplement to
COLOURED DOUBLE STARS
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This is a supplement to the table of coloured double stars given in the RASC's *Observer's Handbook*. It contains coloured double stars that are more difficult to observe because of small angular separation and/or a large difference in magnitudes between the two components. Such stars may be easier to observe with magnifications higher than 60**x** and/or in instruments larger than 125 mm. SAO numbers are given in column 2 — see note below.

The abbreviations used for colours are: B—Blue; G—Green; O—Orange; R—Red; Y—Yellow. Different observers may perceive colours differently depending on their eye physiology, telescope optics, and local seeing conditions. Space in the table has been provided to record observations, using subjective appreciations concerning their beauty (!!!—very beautiful, !!—beautiful, !—nice) and the difficulty to separate them visually in the telescope (T—tight, VT—very tight, F—faint).

Note: SPRING Σ 1327 Cnc in the Table below is a coloured triple star, with A (mag. 8.6), B (10.4) and C (9.9), separation AB (7″), AC (26.3″), colours of A (Y), B (O-R) and C (B). Its characteristics have been determined precisely by Blake Nancarrow, using a 14-inch telescope because of their low magnitudes and separation. Stars AC are indicated in the Table below (not AB).

Supplement to TABLE OF COLOURED DOUBLE STARS

		RA (2000)		Dec		Magnitudes		Sep.	Colour		Notes	
Star	SAO#	h	m	°	′	A	B	″	A	B	Beauty	Difficulty
WINTER												
30 Tau	93611	3	48	+11	09	5.0	10.0	9	Y	B		
Σ 476 Per	56902	4	01	+38	40	8.0	9.2	25	Y	B		
SPRING												
Σ 1327 Cnc	80723	9	15	+27	55	8.6	9.9	26	Y	B		(AC)
Σ 1604 Crv	157112	12	09	-11	51	6.6	9.4	9	O	B		
δ Crv	157322	12	30	-16	31	3.0	8.5	25	Y	R		
54 Vir	157799	13	13	-18	50	6.8	7.2	5	Y	B		
π Boo	101138	14	41	+16	25	4.9	5.8	6	B	O		
δ Ser	101624	15	35	+10	32	4.2	5.2	4	B	O		
SUMMER												
o Oph	185238	17	18	-24	17	5.4	6.9	10	O	Y		
ρ Her	66000	17	23	+37	09	4.5	5.5	4	G	G		
Σ 2348 Dra	31051	18	34	+52	21	5.5	8.7	25	Y	B		
AUTUMN												
O**ΣΣ** 252 Peg	91574	23	54	+29	29	6.8	8.4	111	Y	R		
Σ 24 And	73883	00	18	+26	08	8.0	8.0	5	Y	B		
SOUTHERN												
Δ 31 Pup	218093	6	38	-48	13	5.1	7.4	13	Y	B		
h 4038 Pup	219339	8	02	-41	19	5.5	9.0	25	Y	R		
S 568 Pup	175783	8	25	-24	03	5.5	8.4	42	O	R		
h 4191 Vel	220978	9	14	-43	14	5.3	9.2	6	B	O		
h 4245 Vel	221480	9	46	-45	55	6.8	9.6	9	O	B		
Jc 16 Crt	179936	11	29	-24	28	5.8	8.6	8	Y	B		
α Cru	251903	12	26	-63	06	1.3	4.8	90	B	Y		
γ Cru	239791	12	31	-57	07	1.6	6.5	127	O	B		
h 4548 Cru	240235	12	46	-56	29	5.0	8.9	52	Y	B		
Q Cen	241076	13	41	-54	34	5.2	6.5	6	Y	B		
Δ 191 Nor	242913	15	45	-58	41	7.8	8.1	32	Y	B		

Note: SAO numbers in column 2 are provided for use with Go To telescope databases, from the Smithsonian Astrophysical Observatory. The SAO Star Catalog contains details on 258,996 stars, see tdc-www.harvard.edu/catalogs/sao.html. The SAO and Harvard College Observatory are joined as the Harvard–Smithsonian Center for Astrophysics (CfA).