

Turn Left at Orion

All Objects

Name	Constellation	Object Type	Magnitudes	Rating			For Best View:		Coordinates		notes	page	Season	additional description
				Dob	small	binocs	sky	magnification	Right Ascension	Declination				
BM Orionis	Orion	Variable Star	7.9-8.65; 6.47 days	1	1	x	any	high	5 H 35.3 min.	-5° 23'	eclipsing variable in the Trapezium	55	Jan.-Mar	most northerly of the Trapezium stars
V1016 Orionis	Orion	Variable Star	6.7-7.65; 65.43 days	1	1	x	any	medium	5 H 35.3 min.	-5° 23'	eclipsing variable in the Trapezium	55	Jan.-Mar	most westerly of the four bright Trapezium stars
LY Aurigae	Auriga	Variable	6.66-7.35; 4.00 days	1	1	1	any	any	5 H 29.7 min.	35° 23'	eclipsing variable star near M38	71	Jan.-Mar	
VZ Cancr	Cancer	Variable Star	7.18-7.91; 4.28 hours	1	1	2	any	any	8 H 40.9 min.	9° 49'	variable star in Cancer	94	Apr.-Jun.	dynamic variable: compare with nearby 37 Cancr
Y CVn, La Superba	Canes Venatici	Carbon Star	4.86-5.88; 268 days	2	2	2	any	low	14 H 41.1 min.	13° 44'	carbon star near Cor Caroli	113	Apr.-Jun.	beautiful deep red in binoculars, finder, or any telescope
Beta Lyrae	Lyra	Variable (& double) Star	3.3-4.3; 12.9 days	1	1	1	any	low	18 H 50.1 min.	33° 22"	eclipsing variable (and wide double)	131	Jul.-Sep.	famous eclipsing variable star near M57
R Cygni	Cygnus	Variable Star	6.1-14.4; 426 days	1	1	x	any	low	19 H 36.8 min.	50° 12'	red variable star	135	Jul.-Sep.	red variable - ranging in brightness from easy to see in a finder to invisible in an 8" Dob
R Scuti	Scutum	Variable Star	4.2-8.6; 146 days	1	1	1	any	low	18 H 47.5 min.	-5° 43'	variable star near M11	141	Jul.-Sep.	variable star close to M11
U Sagittarii	Sagittarius	Cepheid Variable Star	6.28-7.16; 6 days and 18 hours	1	1	1	any	low	18 H 31.8 min.	-19° 22'	Cepheid variable star	145	Jul.-Sep.	Cepheid variable in M25; at maximum, clearly the brightest in the cluster - at minimum, not
RR Scorpii	Scorpius	Variable Star	5.0-12.4; 281 days	1	1	x	dark	medium	16 H 56.6 min.	-30° 35'	variable star near M62	155	Jul.-Sep.	red Mira-type variable, ranging from just short of naked-eye to too dim for a small 'scope
BM Scorpii	Scorpius	Variable Star	5.25-6.46	1	1	x	any	low	17 H 41.0 min.	-32° 13'	variable star in M6	157	Jul.-Sep.	bright orange variable star near eastern (trailing) edge of M6
HD 160202	Scorpius	Flare Star	6.7, except during rare flares	1	1	1	any	low	17 H 40.0 min.	-31° 12'	flare star	158	Jul.-Sep.	normally just one of the brighter stars in M6 - but be alert for a flare!
Rho Persei	Perseus	Variable Star	3.3-4.0; 50 days	1	1	2	any	low	3 H 5.2 min.	38° 51'	variable star in Perseus	183	Oct.-Dec.	red giant variable star near Algol, ranging from equal to Kappa Persei to half as bright
Beta Persei, Algol	Perseus	Variable Star	2.12-3.39; 2 days, 20.8 hours	1	1	2	any	low	3 H 8.2 min.	40° 57'	Algol, famous eclipsing variable star	183	Oct.-Dec.	the 'demon star'; normally almost a match for Mirfak, in eclipse it's dimmer than Delta Persei
RZ Cassiopeiae	Cassiopeia	Variable Star	6.18-7.21; 1 day, 4.7 hours	1	1	1	any	low	2 H 48.8 min.	69° 39'	dramatic eclipsing variable star	188	North	rapidly changing eclipsing variable
SU Cassiopeiae	Cassiopeia	Variable Star	5.7-6.18; 1 day, 22.8 hours	1	1	1	any	low	2 H 51.9 min.	68° 53'	Cepheid variable star	188	North	variable star near RZ Cassiopeiae
ZZ (L) Carinae	Carina	Variable	3.3-4.2; 35.5 days	1	1	1	any	low	10 H 54.4 min.	-58° 47'	Cepheid variable star	227	South	