



Sagittarius – The Archer

An exciting constellation! The centre of our Milky Way galaxy lies in the direction of the bright star Gamma. The darker region near the star Gamma, consists of vast quantities of cosmic gas and dust, obscuring the background light from the star-filled heart of our home galaxy. From Earth's perspective, we look edge-on into the galaxy towards the galactic core, hence the long bright streak of distant star light we call the Milky Way. Notice that the Milky Way appears to be partially split along its central region by a darker band, a composition of cosmic dust and gas.

Variable Star

X Sagittarii is a Cepheid variable, varying between mag. 4.2 and 4.9 every 7 days.

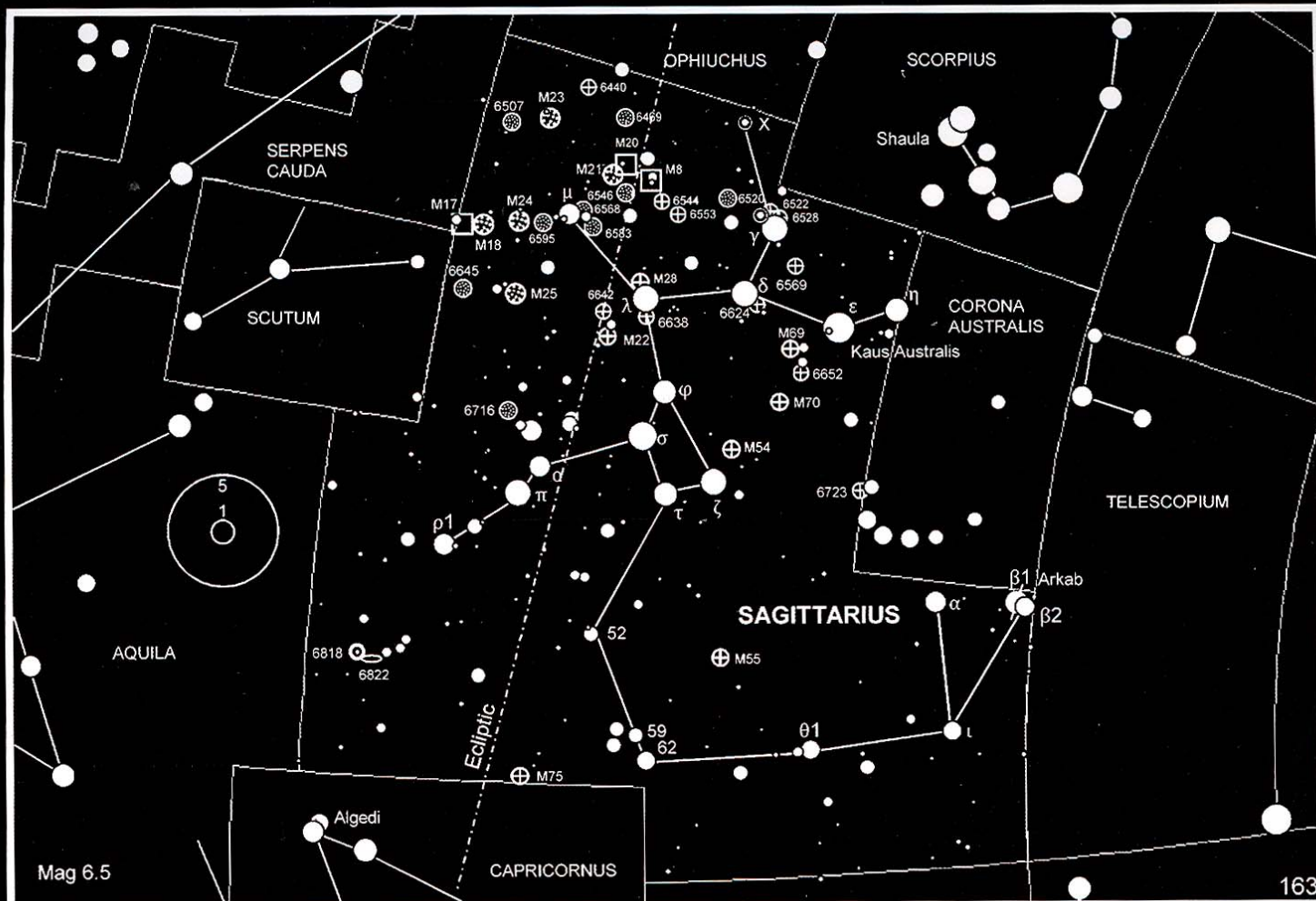
Globular Cluster

M22. A spectacular, bright and well resolved cluster that contains about 500,000 stars! M22 is 10,000 l.y. away but is rapidly moving towards us at a radial velocity of 148 km/s... Not to be missed! Nearby is the fainter, more distant cluster **NGC 6642**, requiring a darker sky to be observed.

Object	Type	Mag	S.b	Dimensions
M25	OC	4.6	11.87	32.0'
M22	Gb	5.1	11.74	24.0'
M23	OC	5.5	12.4	27.0'
M8	Nb	5.8	15.31	90.0'
M21	OC	5.9	11.21	13.0'
M17	C+N	6	14.05	46.0'
M16	C+N	6	13.46	35.0'
M20	C+N	6.3	13.35	29.0'
NGC6604	C+N	6.5	15.13	60.0'
M28	Gb	6.9	11.89	11.2'
M18	OC	6.9	11.41	9.0'
NGC6716	OC	6.9	10.87	7.0'
NGC6595	OC	7	11.95	11.0'
M55	Gb	7	13.13	19.0'
NGC6723	Gb	7.3	12.25	11.0'
M69	Gb	7.7	11.7	7.1'
M54	Gb	7.7	12.24	9.1'
NGC6469	OC	8	13.14	12.0'
NGC6546	OC	8	13.31	13.0'

Object	Type	Mag	S.b	Dimensions
IC4895	Gx	8	12.74	10.0'
NGC6520	OC	8	11.63	6.0'
M70	Gb	8.1	12.3	7.8'
NGC6624	Gb	8.3	11.89	5.9'
NGC6544	Gb	8.3	12.79	8.9'
NGC6553	Gb	8.3	12.58	8.1'
NGC6522	Gb	8.6	12.08	5.6'
M75	Gb	8.6	12.23	6.0'
NGC6569	Gb	8.7	12.26	5.8'
NGC6642	Gb	8.8	11.81	4.5'
NGC6652	Gb	8.9	11.36	3.5'
NGC6568	OC	9	14.31	13.0'
NGC6822	Gx	9	13.78	10.2'
NGC6645	OC	9	13.74	10.0'
NGC6638	Gb	9.2	12.43	5.0'
NGC6528	Gb	9.5	12.08	3.7'
NGC6440	Gb	9.7	13.1	5.4'
NGC6583	OC	10	12.13	3.0'
NGC6818	PI	10	7.13	0.3'

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