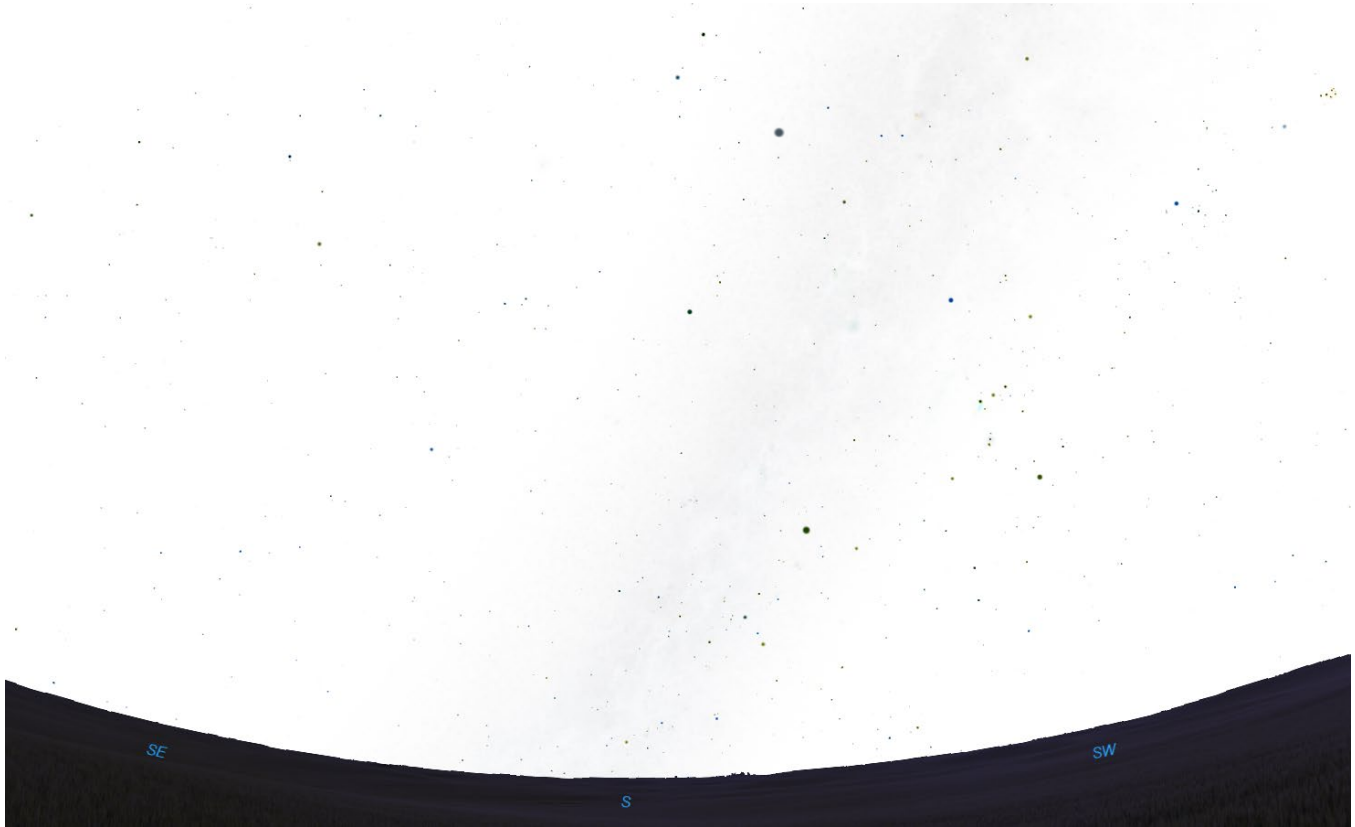


Label the stars you actually SEE with their names in Tau, Gem, Can, Hya, and Leo<sup>12</sup>. Fill out the table<sup>6</sup>, look for the Head of Hydra, the June Solstice just beyond Orion's club, and the September Equinox. Also reflect on your experience<sup>6</sup>. On the back, fill out the table<sup>58</sup> and write about interesting objects in the Cancer, Leo, and Hydra constellations<sup>9</sup>.



Name:	Companions:
Date:	Time:
Sky:	Moon:

Spend at least  $\frac{1}{2}$  an hour outside at night looking at the sky. How easy is it for you to see the constellations? Were you able to see the Milky Way arcing up from the southern horizon? Are you able to pick out the path of the ecliptic and the positions of the summer solstice and autumnal equinox? Describe what you were able to see and how you managed to find it.<sup>8</sup>

BAYER DESIGNATION	OTHER NAME	VISUAL MAG. (V)	ABSOLUTE MAG. (M <sub>V</sub> )	SPECTRAL TYPE	TEMP. (K)	DISTANCE (ly)	MEANING OF NAME AND/OR OTHER FUN FACTS (REQUIRES RESEARCH)
α Hya							
α Leo							
β Leo							
γ Leo							
δ Leo							
ε Leo							
θ Leo							
β Cnc							
γ Cnc	Asellus Borealis	4.65	1.1	A1 IV	10650	181	
δ Cnc	Asellus Australis	3.94	0.84	K0 III	5000	131	

Read the Atlas Charts for Cancer (13 & 25), Leo (13, 14, 26, 27), and Hydra (25 & 26) and write about some interesting deep-sky objects in this part of the sky.<sup>9</sup>