

STAR CLASSIFICATION

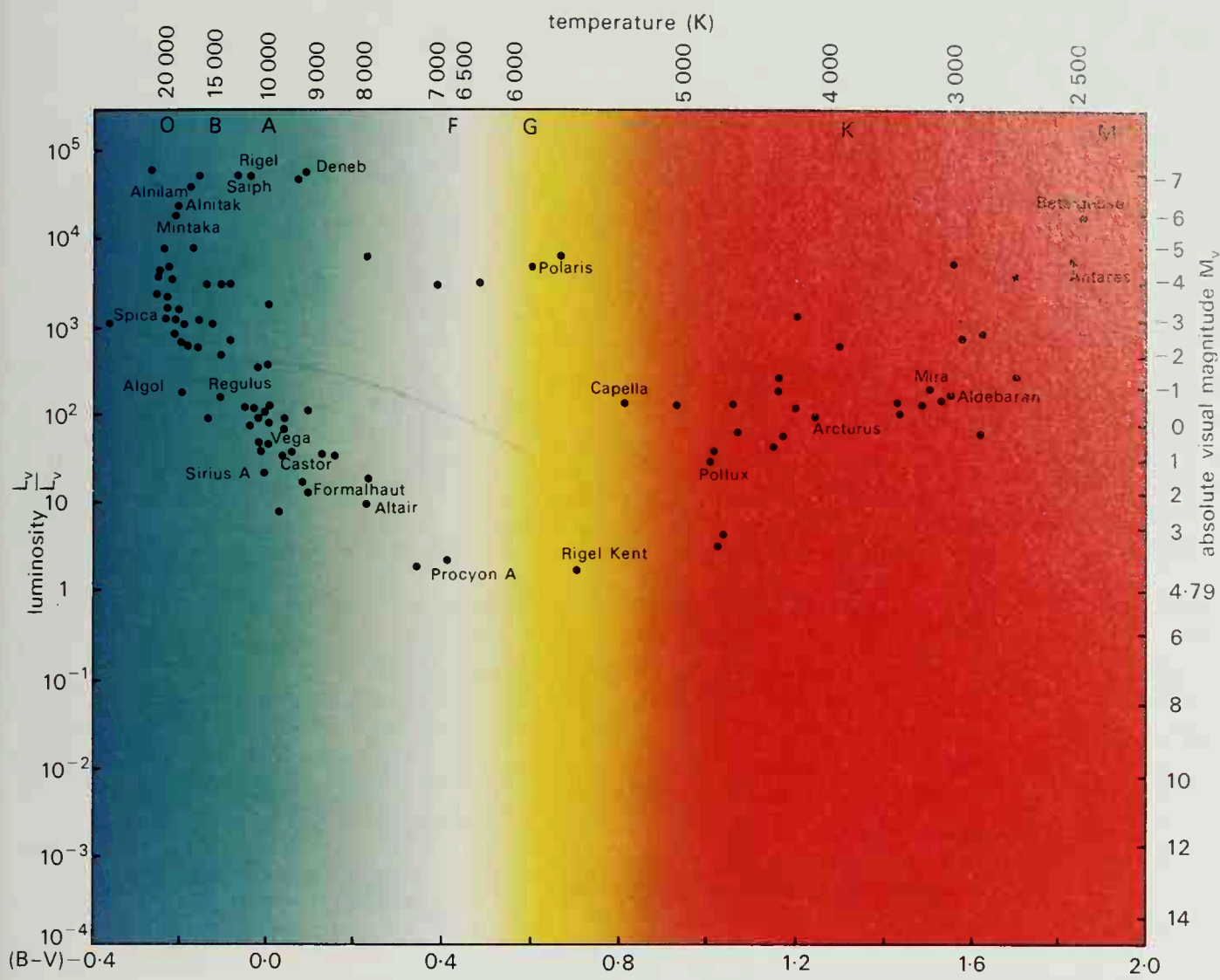


Fig. 3-6
H-R diagram for the brightest stars in the sky. These are all more luminous than the Sun and are at great distances from us. They still appear bright because of their very high intrinsic brightness, classified in astronomical terms either by absolute magnitude or luminosity.

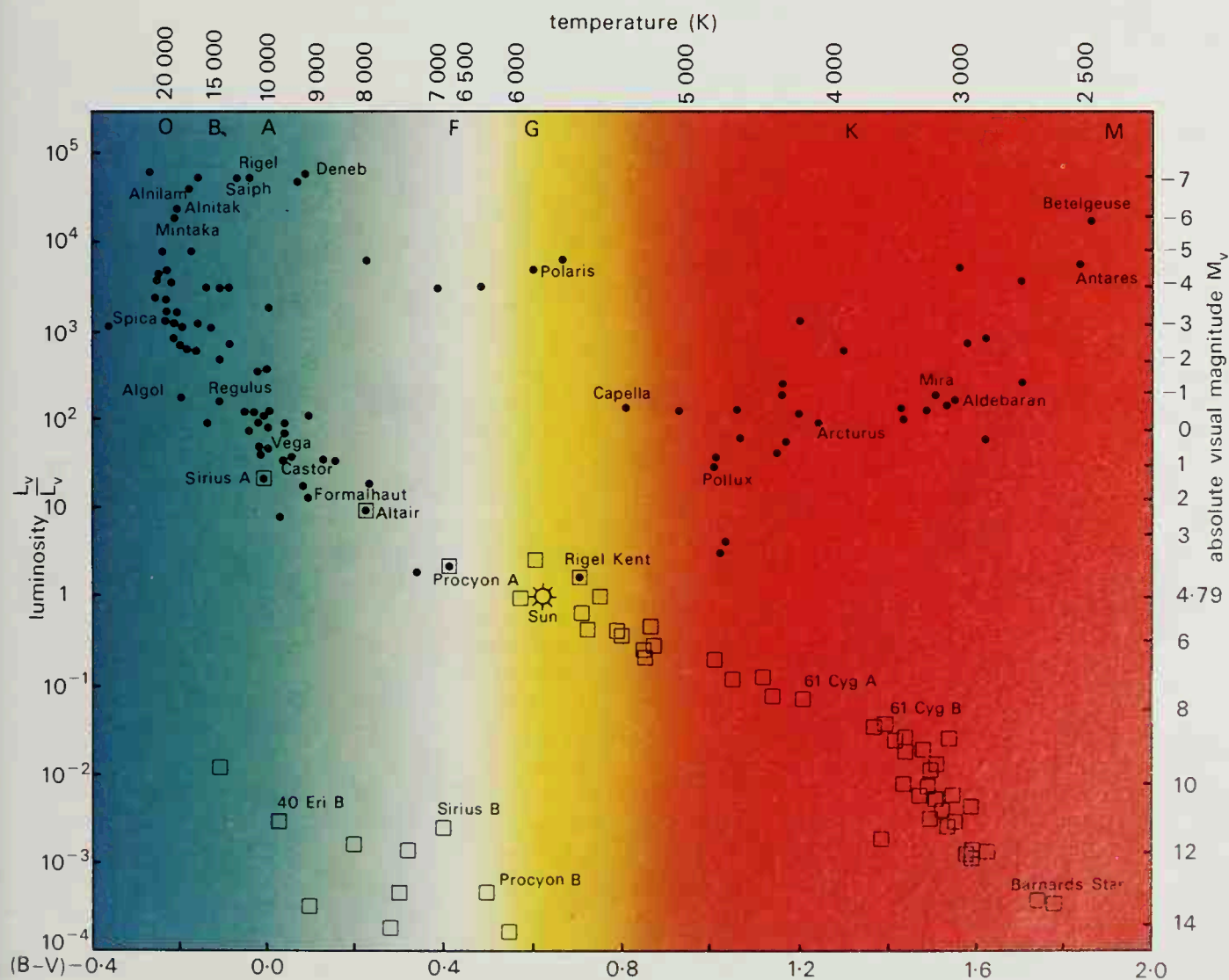


Fig. 3-7.
Hertzsprung-Russell (H-R) diagram showing the positions of the nearest and the brightest stars in the sky based on measurements of their temperatures and luminosities. Notice how stars follow well defined zones of the diagram.