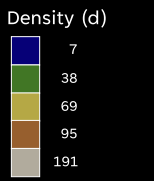
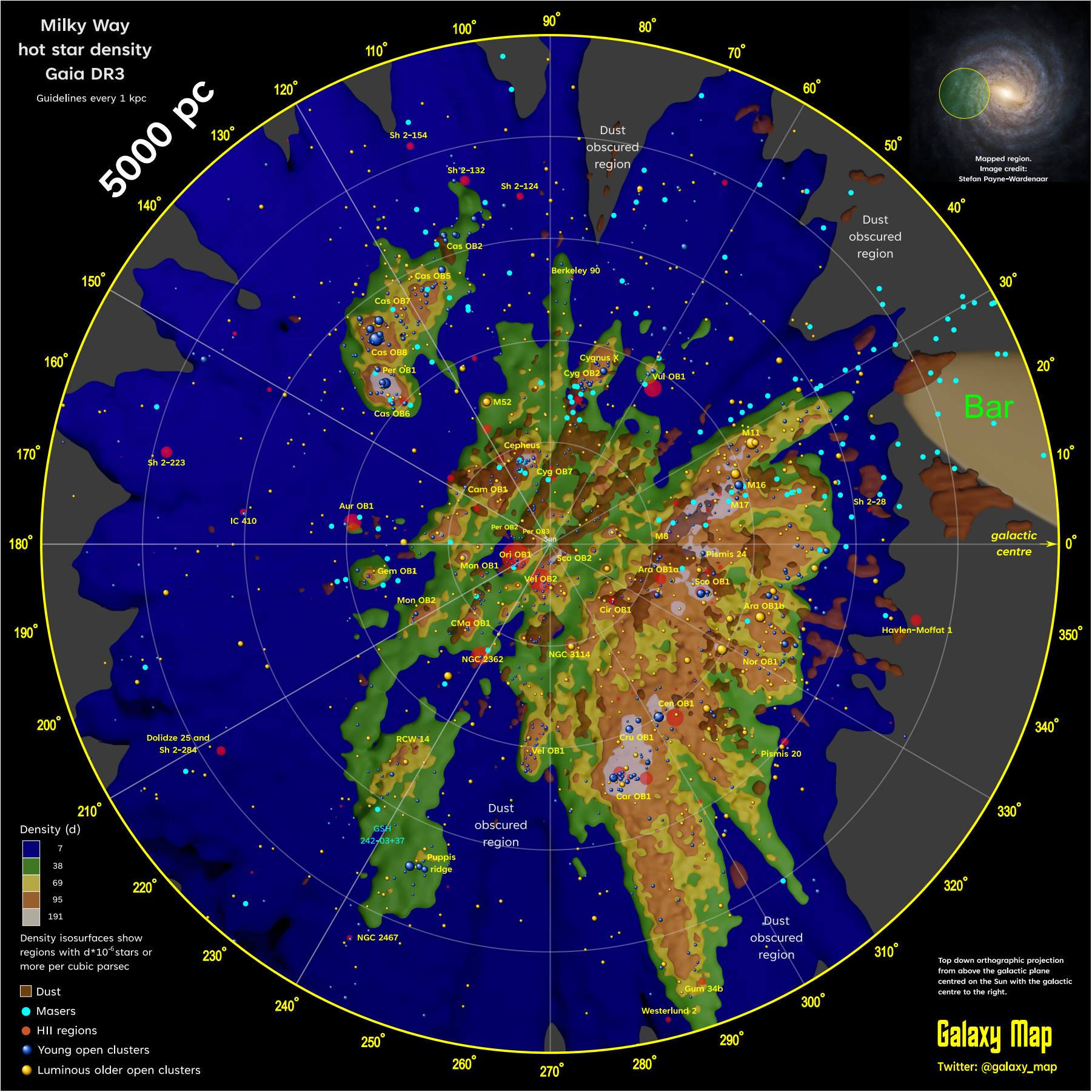
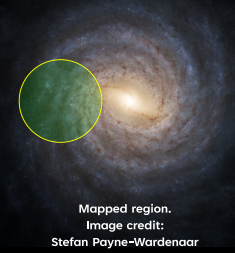


**Milky Way**  
**hot star density**  
**Gaia DR3**

Guidelines every 1 kpc

**5000 pc**



Density isosurfaces show regions with  $d \cdot 10^{-6}$  stars or more per cubic parsec

- Dust
- Masers
- HII regions
- Young open clusters
- Luminous older open clusters

Top down orthographic projection from above the galactic plane centred on the Sun with the galactic centre to the right.