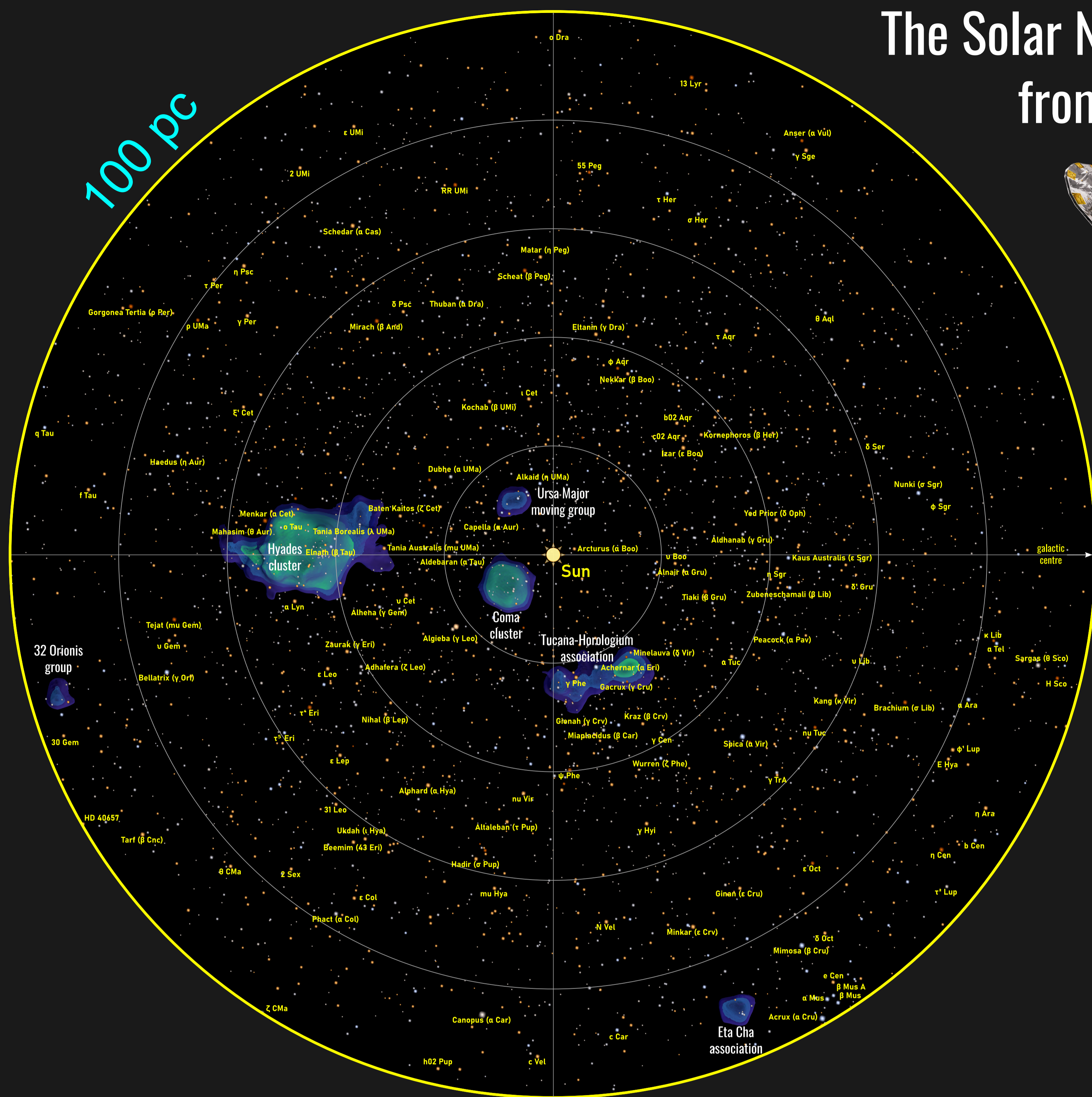
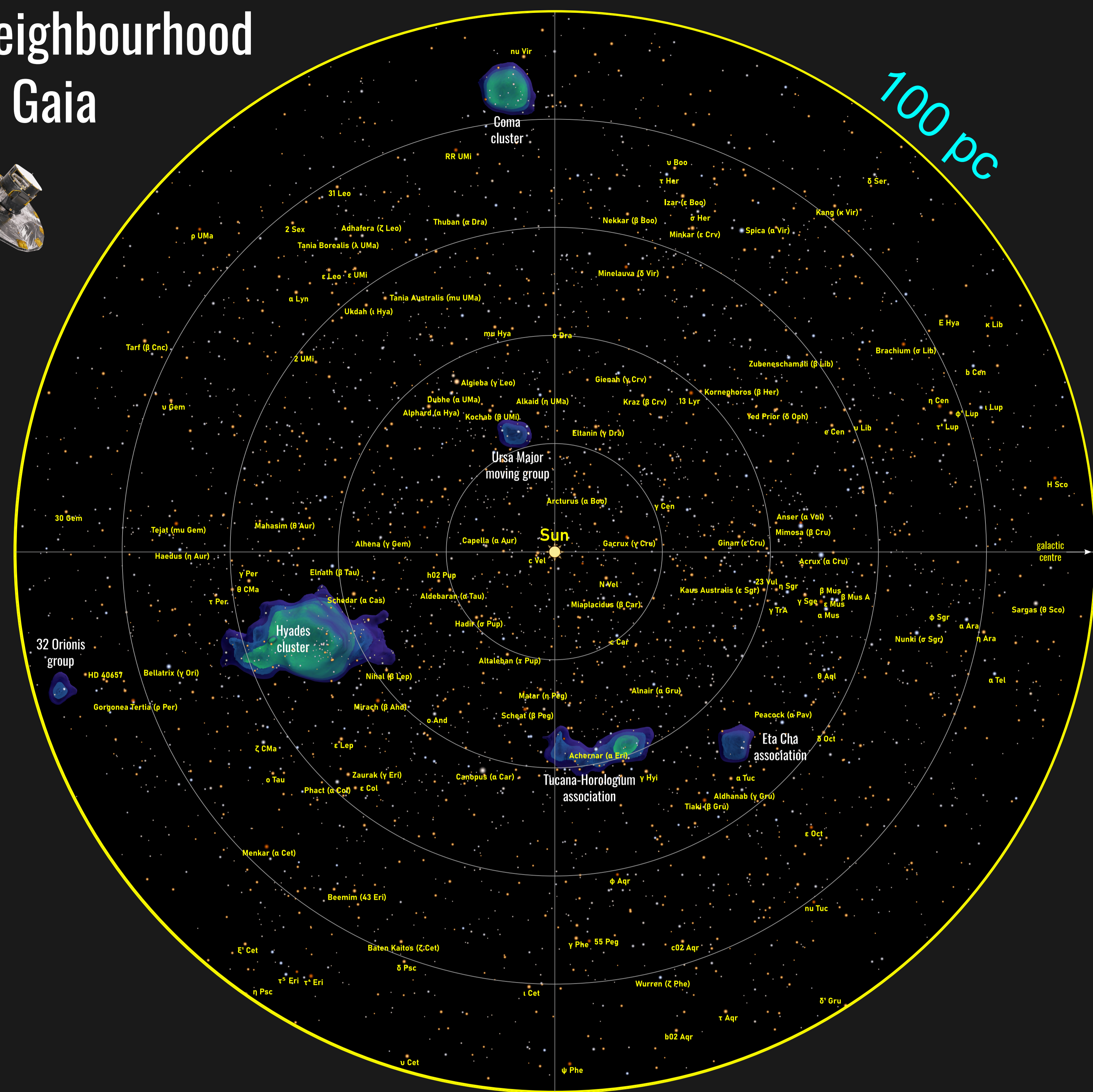


The Solar Neighbourhood from Gaia



Top view



Side view

Based on the catalog of 331311 stars described in "The Gaia Catalogue of Nearby Stars" Gaia Collaboration *et al*, *Astronomy & Astrophysics* (2020).

Star density isosurfaces use a smoothing factor of 3 parsecs and Poisson probability standard deviation (σ) from the mean. Density regions shown for known clusters and moving groups.

Individual stars with absolute magnitude < 3 displayed. Labels supplied for the most luminous stars with absolute magnitude < -0.7 .

Map uses an orthographic projection with guide circles every 20 parsecs (65 light years). Top view is above the galactic plane.

Star density

