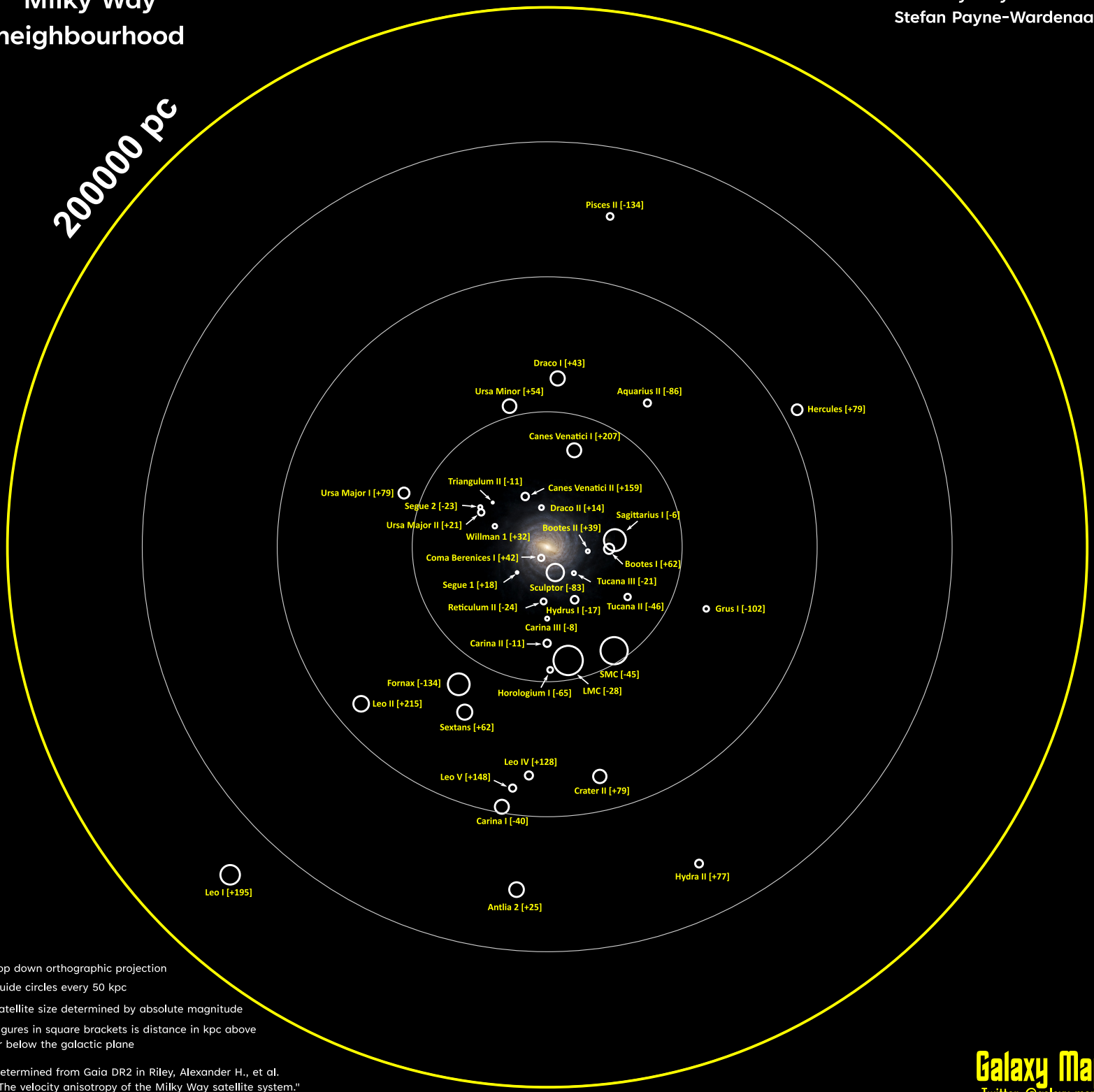
Milky Way neighbourhood

Milky Way model:
Stefan Payne-Wardenaar



Top down orthographic projection

Guide circles every 50 kpc

Satellite size determined by absolute magnitude

Figures in square brackets is distance in kpc above or below the galactic plane

Determined from Gaia DR2 in Riley, Alexander H., et al.
"The velocity anisotropy of the Milky Way satellite system."
Monthly Notices of the Royal Astronomical Society 486.2 (2019): 2679-2694.

Galaxy Map
Twitter: @galaxy_map