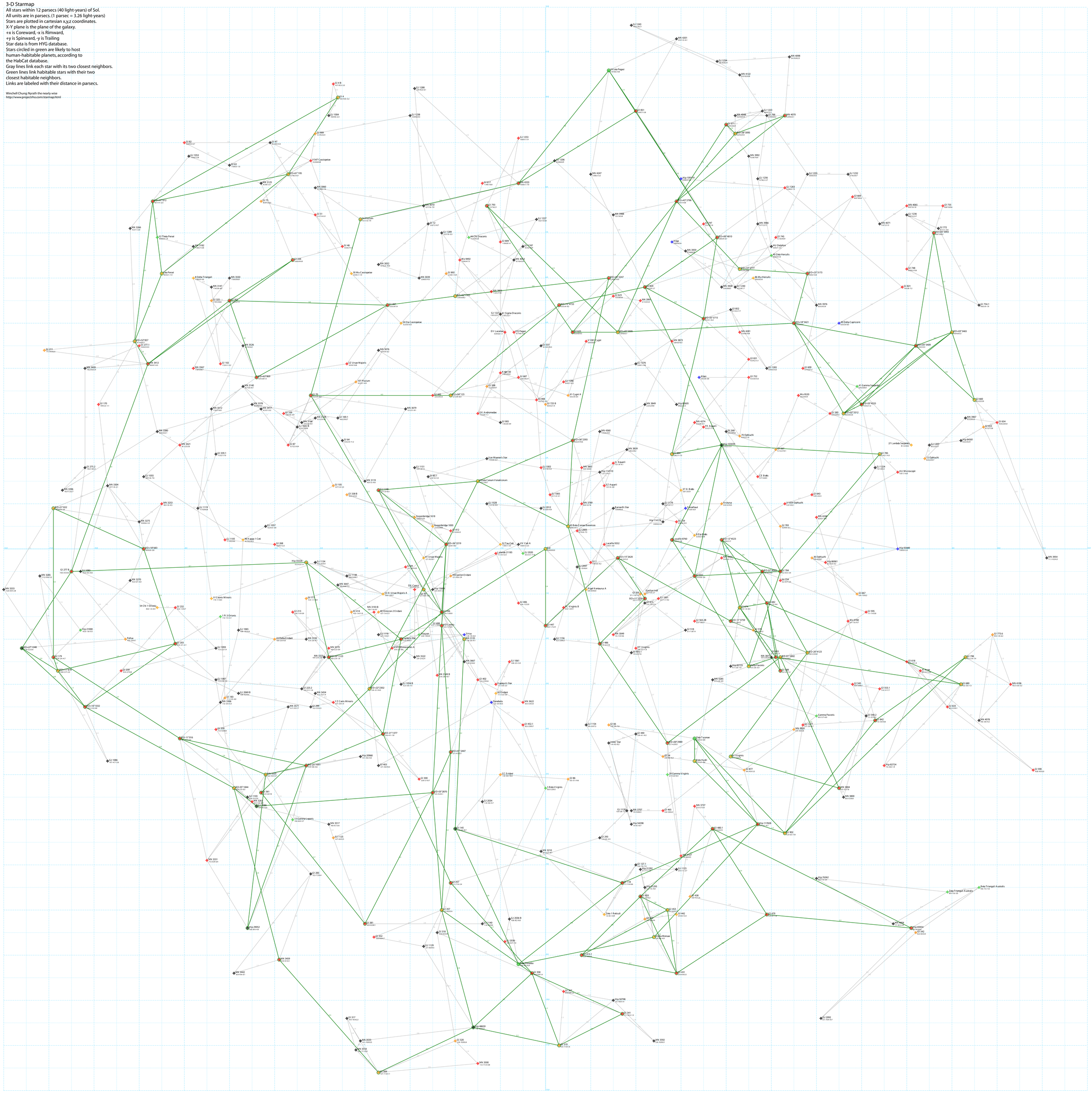
3-D Starmap

All stars within 12 parsecs (40 light-years) of Sol.
All units are in parsecs. (1 parsec = 3.26 light-years)
Stars are plotted in cartesian x,y,z coordinates.
X-Y plane is the plane of the galaxy.
+x is Coreward, -x is Rimward,
+y is Spinward, -y is Trailing
Star data is from HYG database.
Stars circled in green are likely to host
human-habitable planets, according to
the HabCat database.
Gray lines link each star with its two closest neighbors.
Green lines link habitable stars with their two
closest habitable neighbors.
Links are labeled with their distance in parsecs.

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http://www.projectrho.com/starmap.html