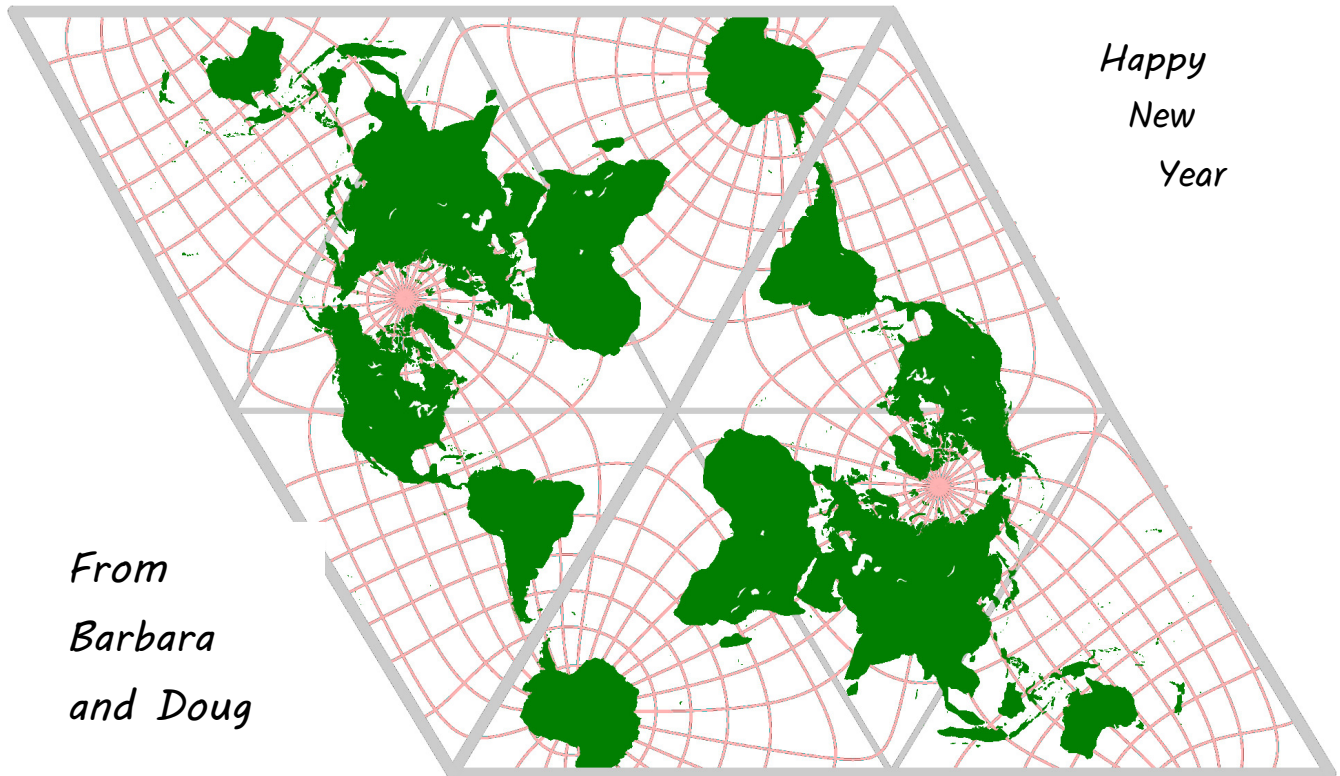


Tilted Tetrahedron, Triangular Tiling



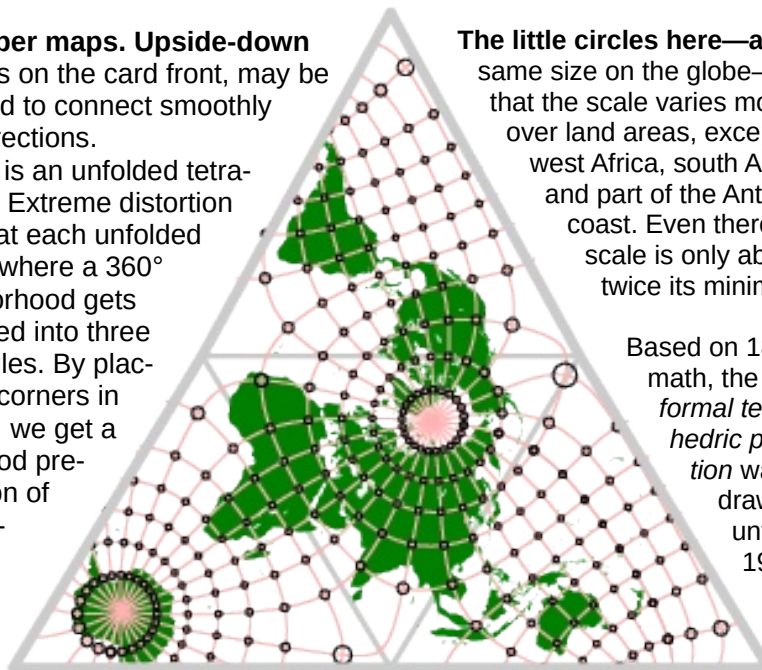
From
Barbara
and Doug

Wallpaper maps. Upside-down pairs, as on the card front, may be repeated to connect smoothly in all directions.

The tile is an unfolded tetrahedron. Extreme distortion occurs at each unfolded corner, where a 360° neighborhood gets squeezed into three 60° angles. By placing the corners in oceans, we get a very good presentation of the continents

The little circles here—all the same size on the globe—show that the scale varies modestly over land areas, except in west Africa, south Asia, and part of the Antarctic coast. Even there the scale is only about twice its minimum

Based on 1840s math, the *conformal tetrahedric projection* wasn't drawn until 1965!



This is a reprise of the [1983](#) card, enlivened by improved technology. An off-axis tilt fits every continent whole within the unfolded tetrahedron.