1104-05-131 **Sarah Brodsky**, **Michael Joswig** and **Ralph Morrison*** (ralphmorrison@berkeley.edu), Department of Mathematics, University of California, Berkeley, 970 Evans Hall, Berkeley, CA 94720-3840, and **Bernd Sturmfels**. *Moduli of Hyperelliptic Tropical Plane Curves.*

Smooth curves in the tropical plane correspond to unimodular triangulations of lattice polygons, and each curve contains a metric graph called the skeleton. Triangulating every polygon with a fixed number of interior lattice points, all of which lie on a line segment, we obtain a space of metric graphs we call *the moduli space of hyperelliptic tropical plane curves*. We show that this space arises from a single polygon, and explain the relationship between our space and the moduli space of abstract hyperelliptic graphs. (Received August 27, 2014)