1017-30-96 **Andy Haas*** (`haas@math.uconn.edu`). *The distribution of geodesic excursions.*

A generic geodesic on a finite area, hyperbolic 2-orbifold exhibits an infinite sequence of penetrations into a neighborhood of a puncture or a cone singularity so that the sequence of depths of maximal penetration has a limiting distribution. The distribution function depends only on it being associated to a puncture or cone point of a certain order and is described by a fairly simple formula. (Received February 15, 2006)